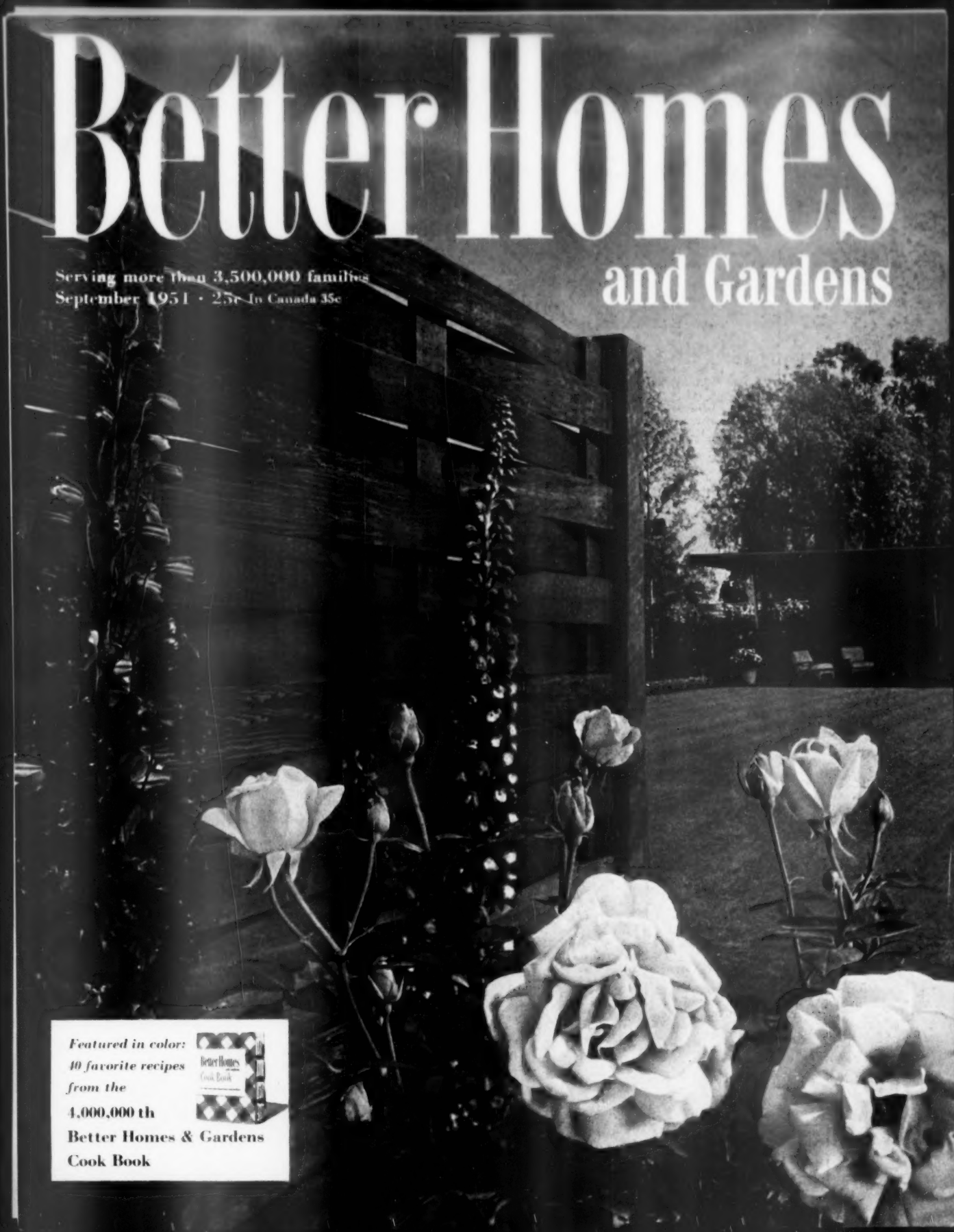
Better Homes and Gardens

Serving more than 3,500,000 families
September 1951 · 25c In Canada 35c



Featured in color:
40 favorite recipes
from the
4,000,000 th
Better Homes & Gardens
Cook Book

Color Magic – with Cannon!

1. Carnation colors give you the clue to hang your Cannons over carnation-filled hurricane lamps! Use them to flank your shower — and be thankful that Cannons are thirsty as flowers, too!

2. Make your mirror an old-fashioned hatrack — so handy to hold a whole bouquet of washcloths in the same fresh carnation shades as your big 'n hearty Cannon bath towels!

3. Private "secretary" boasts a pull-down shelf where you can primp — and plenty of storage for your Cannon ensembles! You'll love their soft touch (that's "Beauty-Fluff!") — and their low price tags — for Cannon means the most for your towel-money... from as low as 39¢ to $2.95

absorb more – wear longer – cost less!

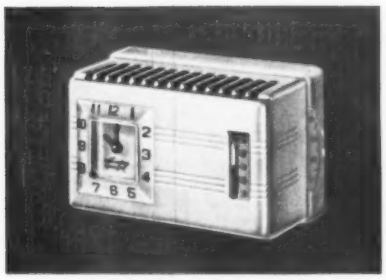
Towels • Sheets • Stockings • Blankets • Bedspreads

TRADE MARK MADE IN U.S.A.

CANNON

Cannon Mills, Inc., 70 Worth Street, New York City 13

"Who says we women have equal rights?"



Honeywell Clock Thermostat

Turns down the heat at night – automatically – and gives you a nice cool room to sleep in; turns *up* the heat in the morning – automatically – and your home is warm when you get up. Saves you fuel, besides! Look in classified phone directory for nearest heating dealer; have him install a Honeywell Clock Thermostat *now*. Or buy the plug-in model you can install yourself.

You can't blame the ladies! See that tired old thermostat behind them? It kept the house too hot or too cold all last winter – made the room temperature rise and fall like a roller coaster. Now it's almost time for cold weather again. And . . .

"You still haven't called in a heating man as you promised," says the wife to her husband. "Guess we'll be miserable all next winter, too!"

"Maybe daddy doesn't care," says the daughter. "He spends so much of his time in a nice comfortable office!"

Luckily, *no one* needs to put up with an uneven, unhealthful flow of heat. A modern Honeywell Thermostat costs surprisingly little. And that's often all it takes to stop discomfort.

So – call your heating dealer today. Find out – now – about some of the impressive improvements that have been made in heating equipment in the past few years.

Find out – now – about the new Honeywell Thermostats and other automatic controls. Whether you buy a new heating plant or modernize your present one, you'll be glad you specified *Honeywell* controls. More people buy Honeywell Controls than any other make!

MINNEAPOLIS
Honeywell

First in Controls

Don't be uncomfortable this winter, too – send this coupon today!

Minneapolis-Honeywell Regulator Co.,
2720 Fourth Ave South, Minneapolis 8, Minnesota

Please send me a free copy of "HOW TO MODERNIZE FOR COMFORT," including specific information on items below.

ELECTRIC CLOCK THERMOSTATS make your automatic heating *completely* automatic.

ELECTRONIC MODU-FLOW. The magic sensitivity of *electronics* applied to heating your home.

ZONE CONTROL. The wonderful new trend in comfort control for ranch-type and larger homes.

Name _____

Address _____

City _____ Zone _____ State _____

Better Homes and Gardens

September, 1951 Vol. 29, No. 13

Want to grow roses like the big beauties on this month's cover? This is a brand new variety, a hybrid tea bearing the name of the great actress Helen Traubel and one of the four winners in the latest trials of the All-America Rose Selections.

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You'll find 12 pages of food in beautiful color in this issue. They celebrate the sale of 4 million copies of our Better Homes & Gardens Cook Books!

Cover photograph: de Gennaro

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Discover Velvet Velocity!

Chevrolet's POWERGlide automatic transmission

brings a new kind of driving to the low-price field

See how easy driving is!

The Styleline De Luxe 2-Door Sedan
(Continuation of standard equipment and trim illustrated is dependent on availability of material.)

CHEVROLET

Take traffic in stride!

Cruise the highways!

You're about to take
a "Discovery Drive"
in a smart new Powerglide* Chevrolet.

You start the engine,
slip the control lever to "Drive,"
and your "work" is done!
Just press the accelerator to *go,*
press the brake pedal to *stop!*

There's no clutch pedal . . .
nothing to do with your hands
but steer the car!

In less time than it takes to tell,
you're the *complete master*
of this thrilling new way to drive . . .
this *velvet velocity* that provides
a smooth, unbroken flow of power
at all speed ranges.

For Powerglide *is* something special . . .
special 105-h.p. engine,
special EconoMiser rear axle
and extra-special automatic transmission.

It's waiting for you at your dealer's, *now!*

Chevrolet Division of General Motors,
Detroit 2, Michigan

**Combination of Powerglide automatic transmission and 105-h.p. Valve-in-Head engine optional on De Luxe models at extra cost.*

MORE PEOPLE BUY CHEVROLETS THAN ANY OTHER CAR!

Slave to scorchy pans?

New "Shine meter" tests prove

BRILLO

gives

TWICE the SHINE in HALF the TIME!

Make stubborn pans gleam with a Brillo *pad-with-soap*. Easy! Don't scrub and scrape!

Use a square, metal-fiber Brillo pad to whisk away crust!

Brillo has *jeweler's polish*. Gives aluminums *twice the shine in only half the time* as other cleansers tested. Wonderful for glass baking dishes, too.

Brillo now lasts longer!

More Shines in Every Pad!

RED box — soap-filled pads
GREEN box — pads plus cake soap

For **$4.50** per month you can now

Protect yourself against financial disaster

As revolutionary as health insurance was 15 years ago, this may be the answer to socialized medicine

By Henry Felsen

Back in 1946, an insurance representative called on Martin Howe to sell him a family health and accident policy. There was only one hitch. Howe, who was just getting started in his profession, wanted more protection than he could buy.

"Look," Martin said to the agent, "all the policies you've talked about have a limit of a few hundred dollars, and a limit on medical expenses. If illness strikes my family, I can always raise the first four or five hundred dollars without too much trouble. What I want is a policy that will protect me if my family is hit by an illness that costs not hundreds, but thousands of dollars. That's my real worry. What do you have in that line?"

The insurance man had to admit he did not have the policy Howe wanted, and neither had any other insurance company. The best he could do was sell Howe the usual protection with the usual limited benefits.

Three years later, Mrs. Howe became ill. In a few months Marty used up the benefits of his insurance policies, but the illness continued. By the time his wife was well again, Howe had medical bills amounting to $4,000. He had a debt that would take years to pay off.

Howe's 1946 request for broader coverage was not unusual. Insurance men say they have been asked that question hundreds of times. There is hardly a prospect who hasn't asked the insurance man: "Why do medical insurance policies stop just when they are really needed? Why can't we buy real protection against major medical expenses, the kind that wipe you out?"

Until a few months ago, there was no answer to that question. People like Martin Howe bought policies that protected them up to a point, that took care of the expected minor illnesses and operations, and paid most of the cost of a new baby. But with a few specific exceptions, such as the low-cost polio policies that were available, the security of every average home was threatened by the possibility of an expensive illness or injury that would cost thousands of dollars. And, until a few months ago, people like Martin Howe who wanted to protect themselves against a rare but always possible medical catastrophe, had no place to turn. Now, because a group of white-collar workers wanted to insure their peace of mind against the possibility of a rare disaster, Martin Howe or any acceptable person or group can buy that "real protection."

Insurance men also admit that this dissatisfaction with the limited nature of past medical insurance has been responsible for a growing interest in government-sponsored insurance. "If private companies can't give us the protection we need," clients have said, "maybe it's time we had some kind of government insurance."

Now, for the first time since the growing demand for government insurance began, the private companies think they have the answer to "socialized medicine." It is what they broadly refer to as *personal medical disaster insurance*.

This type of insurance is still in the experimental stage, but preliminary results have been so good that practically every major insurance company in the country plans to enter the field. It will soon be possible for almost any citizen to buy "peace of mind" insurance to protect himself and his family financially in case of catastrophic illness or injury.

Medical disaster insurance is not designed to compete with the health insurance policies now held by some 70 million Americans. It will generally take up where the old policies leave off, and will provide protection up to $5,000 for any single case.

Various insurance companies will have their own particular plans, some individual and some group, but will have certain features in common.

The medical disaster insurance can best be compared to present deductible automobile insurance. The individual pays for the first $100, $300, or $500 of medical | *Turn to page 165*

NEW More Appetizing—More Nourishing GAINES MEAL NOW HOMOGENIZED*

*** You can SEE, FEEL, SMELL the difference. It's HOMOGENIZED!**

SEE . . . no flakes, none of that powdery "dust" of ordinary meals. That's why it doesn't get pasty or sticky, or pack down in the dish.

FEEL . . . the crunchy, tempting texture. You can even feed it dry. And if you feed it moistened, no soaking or stirring is required.

SMELL . . . the appetizing aroma. It invites dogs to dinner on the run. And a meal that smells so clean and wholesome is a most pleasant one to *feed*.

Meal in new Homogenized form—uniform in texture and nourishment. In making this revolutionary form of meal, all ingredients are combined by a unique Gaines process, and formed into homogeneous crunchy little nuggets. In each and every one of these little nuggets is a uniform combination of all the food essentials required for completely balanced nourishment.

GIVE YOUR DOG THE MEAL OF HIS LIFE!

Appetizing meat, milk, and fish proteins in more abundant amounts—HOMOGENIZED!

From the world's greatest dog food laboratories and research kennels—a dramatic development in dog food that is creating a sensation throughout the whole dog-feeding world.

The new Homogenized Gaines Meal is unlike any dog food you have ever known. Never have you known a meal more appealing to dogs. Never a meal so easy to feed. Never a dog food more thrifty. And as for this meal's ability to nourish *every inch* of your dog—it's HOMOGENIZED to help dogs to sturdier bodies and bones, and bounding energy. Its wealth of proteins, food energy, vitamins and minerals is uniformly available in every tempting crunchy nugget. It is completely balanced to provide all food factors dogs are known to need.

A Product of General Foods

FROM A PET OWNER
Never have I seen my dog go for a meal the way he goes for the new Homogenized Gaines!

FROM A BREEDER
I've fed Gaines for years. Now I'm feeding the new Homogenized Gaines dry, just as it comes—in crunchy little nuggets. My dogs have never been in better condition.

FROM A VETERINARIAN
Careful study convinces me that the new Homogenized Gaines Meal offers exceptional nourishment, digestibility, and uniformity.

Gaines America's Largest-Selling Dog Food! Now HOMOGENIZED!

"Nourishes EVERY INCH of a Dog"

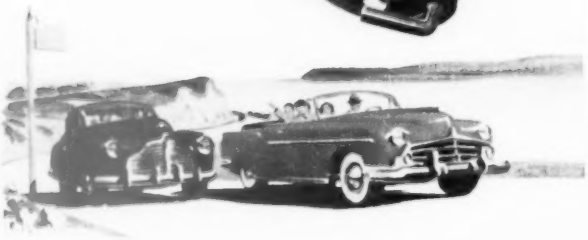
It's *Safer* to Drive
a Quick Responsive Car—

Get Dependable

CHAMPION

Spark Plugs

For Powerful Acceleration!



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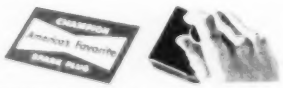
. . . Regular Spark Plug Service Insures Greater Driving Safety!

Gradual erosion of electrodes will alter recommended gap settings, resulting in unresponsive engine performance—noticeable most when you need peak performance most!

Keep plugs efficient! Let your Champion dealer check and clean them every three or four thousand miles. It results in longer plug life, better performance and economy.

There's a positive safety factor in powerful acceleration—impossible without good spark plugs. That's why racing champions and commercial airlines nearly all use Champions!



CHAMPION SPARK PLUG COMPANY, TOLEDO 1, OHIO

Listen to the CHAMPION ROLL CALL—Harry Wismer's fast sportscast every Friday night, over the ABC network

What's wrong with

1 **"Hey, Mollie, want a lift home?"** The boys offering Mollie Sears a ride home from Girl Leaders are friends of her brother, Tom. Mollie, at 16, is much interested in boys—which worries her parents a great deal. "Sure thing," Mollie says as she accepts the ride.

2 **"Hi, Pop!"** Mollie yells at her father who has seen her enter the car but does not approve. "Your parents won't mind us bringing you home?" Jerry asks Mollie, realizing she is still rather young. "It's O.K.," replies Mollie, who thinks she's old enough to care for herself.

this family?

Prepared in cooperation with the Family Service Association of America

3 **"And right down the main street,"** Mr. Sears tells his wife of the incident. Mollie has just gotten home, and they are giving her a going-over. "You're not old enough to be riding around in cars with boys; people will talk." All they let Mollie say is, "But . . ."

4 **"My folks are awful,"** Mollie sobs in the loneliness of her room. "They didn't even listen when I said the boys were friends of Tom's. I didn't do anything bad, no matter how many extra dishes they make me do. Someday they won't be able to do this to me."

What's wrong with this family?
See page 294 for the answer.

Dreams for a Daughter growing up—

Learning to feel at ease and sure of yourself is a part of learning to play the piano. That's why a Wurlitzer can help build personality, while giving your child the joy and companionship of music.

And a Wurlitzer Piano is a good investment.

Famous for fine construction, long life, easy action, and rich, true tone, the Wurlitzer Piano is a good investment today and for the future.

Wurlitzer is able to put more into its pianos—yet sell them for less—because Wurlitzer is the leader in its field. *More people buy Wurlitzer Pianos than those of any other name.*

A Wurlitzer Piano can help her grow up an accomplished young lady

Is your child's future worth a Wurlitzer Piano?

Wurlitzer Piano Model 2150. Finished in walnut, mahogany or blond mahogany with Wurlitzer plastic fabric to match. This new fabric beautifies the piano and its surroundings—is tough—resists scuffing and abrasion. Ask your dealer about it.

WURLITZER

World's largest Builder of Pianos and Organs Under One Great Name

Wurlitzer is famous for the finest in electronic organs, too—among them a remarkable new electronic organ for the home. Easy to install. Easy to play.

THE RUDOLPH WURLITZER COMPANY, DE KALB, ILLINOIS

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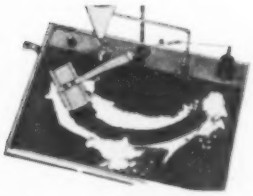


You could scrub it 40,000 times ...

if you wanted to. This machine did it in rigid laboratory tests on a Spred SATIN pastel color—without impairing the color or satin-smooth surface. Spred SATIN is *guaranteed washable.*

You can wash it as easily as you wash your kitchen sink ...

finger marks, ink, crayon, lipstick all come off in seconds because dirt can't cling to the tight Spred SATIN surface. And no spots or tell-tale streaks show where you washed!

You could even pour harsh lye on it ...

not that you're likely to do so—but this indicates the ability of Spred SATIN to withstand all kinds of abuse in your home.

emulsion paint

Imagine a paint film you could stretch like this! Painted on waxed paper or a waxed glass surface, allowed to dry, then stripped off – Spred SATIN is a flexible material you can fold, crumple or stretch. That flexibility comes from its 100% latex emulsion formula. In your home that means greater durability ... extreme long life!

Now ... your choice of 60 dramatic pastel and decorator deep colors

Besides amazing durability and washability, Spred SATIN offers you the most gorgeous satin beauty you have ever seen. And it goes on in half the time; dries in 20 minutes with no offensive odor. Paint fast or slow, with brush or roller, no laps will show—and if you miss a place, touch it up later when dry—you won't see a trace. When you're through, just wash your brush or roller in soapy water. Then hang pictures and curtains and use the room right away.

Kate Smith says **"BUY SPRED SATIN"**

See Spred SATIN demonstrated on the Kate Smith Hour every Friday starting September 14. Then see your dealer for your favorite color, and enjoy all the wonders of The Wonder Paint.

Pacemaker in Paints

FOR EVERY PAINTING NEED

Full-door console

The finest picture in TV's toughest reception spots—

BLACK-DAYLITE TELEVISION

Overpowers interference

...overrides distance too!

Actual case histories—not only from TV's farthest "outposts" but in big cities flooded with local interference—testify to G-E's *stand-out* picture under the severest reception conditions. Side by side comparisons show that this great G-E chassis delivers the kind of performance you want in your own home! The clear, steady, sharply defined picture. Look at G-E and believe your own eyes.

General Electric Co., Syracuse, N.Y.

•

Prices range from $279.95 to $775.00 (including Federal Excise Tax). Installation and Picture Tube protection plan extra. Prices subject to change without notice. Slightly higher West and South.

When interference or distance stands in the way, you may get pictures like this.

With this great General Electric receiver you can look to wonderful pictures like this.

You can put your confidence in

GENERAL ELECTRIC

A dining table in bridge-table space

Is space at premium in your home? Then this card and game table that opens into a dining table may be just the furniture piece you're looking for. In "closed" form, you can use it as a decorative game or dinette table. Used this way, it'll comfortably seat four persons

Photographs: Rooks

For dining—to serve six or eight—simply flip the top over and slide it into center position over the table base. In open form, it's 72 inches wide—ideal for your combination living-dining room or for use in the dinette. The table is made of oak with a soft beige finish

Where to get it, see page 295

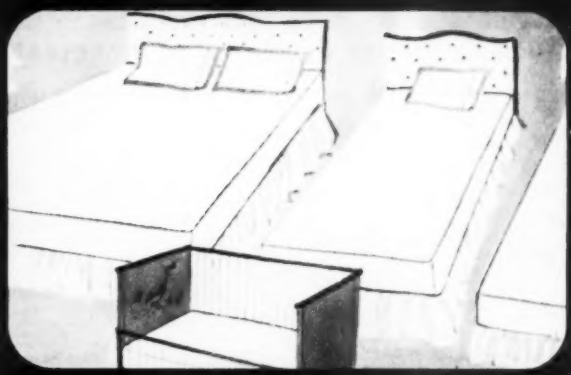
For the smoothest sleep of your life

1. Sleep on a CONTOUR SHEET*! It won't wrinkle, can't pull out, stays smooth all night long

2. When you get up your bed is half made! The secret is four mitered, sewn-in corners

3. . . . that cap the mattress . . . plus an all-around, shaped tuck-under that keeps the sheet wrinkle-free

4. A Contour Sheet is easy to launder, won't shrink because it's Sanforized.* Ironing's optional



5. Combed percale or muslin in standard double, twin or crib sizes that adjust to mattress thickness

At your favorite store, or write for folder and name of your nearest dealer to Pacific Mills, Dept. AA9, 1407 Broadway, New York 18, N.Y. *Reg. U.S. Pat. Off.

Contour . . . a PACIFIC sheet

BY PACIFIC MILLS . . . WEAVERS OF FINE COTTONS, RAYONS, WOOLENS AND WORSTEDS

No dust bag to empty!

LEWYT

WORLD'S MOST MODERN VACUUM CLEANER

- **No muss! No fuss!** No dust bag to empty! Simply toss out Lewyt's paper "Speed-Sak" a few times a year!
- **It's quiet—no roar!** Terrific suction power, yet super-quiet! Lewyt's so easy on your nerves!
- **Preserves your rugs!** Famous No. 80 Carpet Nozzle gets embedded dirt ... lint, threads, even dog hairs ... *with less rug wear!*
- **3 filters clean the air!** Unhealthy dust can't escape Lewyt's Speed-Sak, Dustalator, and Micro-dust filter!
- **So light, easy to use!** Glides smoothly in any direction – follows you around *effortlessly* as you clean!
- **Sweeps bare floors, linoleum!** Swish – and dirt disappears! No more dust-spreading brooms or back-breaking dust pans!
- **7 work-speeding attachments** do all your dusting, brighten drapes; clean radiators, spray, wax; even de-moth closets!
- **A complete home cleaning center,** Lewyt costs no more than ordinary vacuum cleaners! See your Lewyt dealer for a free demonstration!

Guaranteed by Good Housekeeping

Listed by Underwriters' Laboratories

COMES COMPLETE—NO EXTRAS TO BUY!

DO IT WITH LEWYT

free

TRY THE LEWYT IN YOUR OWN HOME!

Lewyt Corporation, Vacuum Cleaner Division, Dept. 9, 80 Broadway, Brooklyn 11, N. Y.

Without cost or obligation, I would like to try the sensational Lewyt Vacuum Cleaner in my own home.

Name .....

Address .....

City .....

County ..... State .....

How much should

By Leonard Reed

My friend, Herb, was flabbergasted.

Convalescing from a serious abdominal operation, he had just received the surgeon's bill. Before the operation, Herb had hesitantly asked the surgeon what the fee would be. The doctor had just smiled reassuringly and told him not to worry, and Herb had let it go at that. Now, looking again at the bill—$800!—he realized with sinking heart that it represented the savings of two years. Herb could not escape the feeling that he had been shabbily treated.

Although about 25,000,000 people now carry some form of surgical insurance, the protection they're getting is only partial at best. In the Blue Shield plans, for instance, only families whose incomes are less than a certain amount are covered in full.

And so, each year, thousands of Americans are rudely awakened to the fact that surgery is a blind item. For a given operation, two different surgeons may charge quite different amounts, not necessarily according to their respective abilities or reputations. Even the same surgeon may vary his fee to different patients in a way that does not reflect the patient's ability to pay. The result is too often a severe financial shock—particularly to families in the vulnerable middle class.

The medical profession, possibly prodded by proposed health insurance legislation, has recently taken steps to face up to the problems posed by haphazard fee-setting. Nineteen hundred and fifty saw a mushrooming of "grievance committees" in state and county medical societies to act on complaints by patients. The Colorado State Medical Society went so far as to request its county societies to set up and publicize "average fee" schedules so patients would have some idea of how much some of the more common medical services should cost. And the American Medical Association, after noting reports of exorbitant fees, warned doctors that such practices create hard feelings that react against the entire medical profession.

Put yourself, for instance, in Mrs. Burton's place, and try to imagine your bewilderment. Her daughter, Peggy, had been born with a cyst above her right eye. When Peggy was about 4 months old, Mrs. Burton's pediatrician, fearing involvement of the tear glands, recommended the removal of the cyst. He referred her to an eye specialist, who confirmed the diagnosis. When Mrs. Burton asked what the operation would cost, the doctor gave an embarrassed professional cough and shunted her off to his nurse. The nurse matter-of-factly said that the fee was $250.

It struck Mrs. Burton, on the way home, that the fee was a rather stiff one. The $250 wouldn't break her—her husband earned about $6,000 a year—but she had the unpleasant feeling that she was being imposed upon. When she reached home, she phoned her pediatrician. Acting on an impulse, she told him that $125 seemed to her to be quite ample for the relatively minor operation. A few minutes later, the pediatrician called back to say that $125 would be just fine with the surgeon.

[*Turn to page 143*

your operation cost?

What various operations cost:

[Average charges based on nationwide survey of 100,000 surgical cases by Equitable Life Assurance Society of the United States]

OPERATION	AVERAGE FEE
Varicose veins, ligation, both legs	$101.00
Removal benign tumor or cyst on breast	58.00
Tumor or cyst (superficial)	24.00
Tumor or cyst, involves extensive surgery	72.00
Cyst or sinus, pilonidal, operation on	83.00
Appendectomy	131.00
Removal of gall bladder	194.00
Caesarean section, including delivery	176.00
Delivery of child	78.00
Miscarriage	45.00
Cervix, cauterization or conization of	39.00
Dilation, curettage (other than childbirth)	51.00
Hysterectomy	180.00
Thyroidectomy	189.00
Infected tooth, surgical removal of	42.00
Colostomy	217.00
Herniatomy (single)	124.00
Small intestines, resection	205.00
Exploratory	159.00
Ulcer (peptic, duodenal, or gastric)	255.00
Hemorrhoidectomy, internal and external	92.00
Circumcision (patient less than 12 years old)	18.00
Removal of prostate gland	263.00
Cataract, removal of	200.00
Glaucoma, operation for	153.00
Strabismus (operation for cross-eyes)	148.00
Fenestration (to overcome form of deafness)	441.00
Mastoidectomy	188.00
Nasal septum, submucous resection	104.00
Tonsillectomy	41.00
Laminectomy (operation on spinal cord)	284.00
Brain tumor, excision	311.00
Broken rib	20.00
Humerus (upper arm), simple fracture	63.00
Radius or ulna (forearm), simple fracture	42.00

Note: Although the fee in each case will vary somewhat from the average—as explained in this article—the survey from which these figures are taken indicates that the variation is slight. For example, in appendectomies, which averaged $131, 90 percent of the surgeons' fees were less than $165.

13.21 and 18 cu. ft. Chest Models

13.03, 18 and 30 cu. ft. Upright Models

Mother is happy with the convenience of a big reserve supply of foods; with fewer shopping trips; with *much easier* housework. *The children* are thrilled with ice cream, pies, cakes, and other nourishing foods always on hand. *Dad* likes famous Harder-*Freez* **FOUR-WAY SAVINGS**—on low price; quantity and seasonal food purchases; low upkeep; time and work savings.

The whole family eats better, lives better with Harder-*Freez!* Write today for information!

HARDER Freez THE ECONOMICAL HOME FREEZER by TYLER

Tyler Fixture Corp., Dept. BH-9, Niles, Michigan
Rush information on the many ways HARDER-Freez can save me time, work, and money!

NAME _____

ADDRESS _____

the Chinese Classic by Stromberg-Carlson. Television-radio-phonograph. A complete home entertainment instrument in a cabinet of incomparable beauty . . . hand-decorated by gifted artists against a rich background of red, green, ivory or ebony lacquer—each an individual masterpiece, exclusively yours.

For your relaxed hours of enjoyment, there is big-picture 19" television . . . outstanding AM-FM radio . . . 3-speed record-player providing more than four hours of continuous music. The longer you live with this fine instrument, the more convinced you'll be, "There is nothing finer than a Stromberg-Carlson."

"There is nothing finer than a

STROMBERG-CARLSON®"

Stromberg-Carlson television is priced from $289.95 to $975 including excise tax. (Slightly higher in South and West)

There's something new underfoot

By Jo Ann Breckenridge

If you haven't shopped for rugs or carpets recently, you've a big surprise in store. You'll learn that chemists have created special new carpet fibers. And you'll find the price is reasonable, too.

Although these fibers are called rayon, they shouldn't be confused with softer *dress* rayon. With special rug needs in mind, these man-made fibers have been developed to withstand day in, day out wear. Sometimes these synthetic fibers are blended with wool . . . sometimes they are used alone. These new floor coverings are so satisfactory that more factories are being built to produce more carpet rayon.

Here are some things you will want to know about these all-rayon and wool-rayon blend carpets before you shop for new floor coverings.

Will synthetic-blend carpets wear?

They'll wear at least as well as your wool carpets. And in some cases, they wear better, because the quality of every chemical fiber is controlled—it doesn't vary with weather, season, animal, or plant. There are many laboratory tests to determine how strong a fiber is, but the real test for wear is in repeated walking—day after day, year after year. And this test has shown that carpet rayon fibers don't break off when scuffed. They just wear down gently like the best wool carpets. But remember, as with a wool rug, the quality of the carpet determines its serviceability.

How do they look—texture, color?

The weaves and texture are similar to wool rugs because the same looms are used. But colors are news—they are clearer than ever possible on wool. That's because chemical fibers are pure white, can be dyed almost any color, bright or subdued. The pastel shades are the most beautiful the carpet industry has ever known. But that isn't all. Because wool and rayon react differently to dyes, many unusual effects are possible when they're woven together. You'll see rugs with a new frosty look—the wool yarns have been dyed, the rayon left undyed. In some, there is a two-tone effect when wool is one color, rayon another. Just as with wool, the new rayon fibers will resist fading if the dyes are selected properly.

Do they shed or mat more than wool carpets?

All new carpets shed during the first few weeks. It's a natural condition because wool yarns are made of various lengths of fibers. Some of the very short fibers work to the surface and are picked up by the cleaner. You'll find less shedding in new rayon carpets because carpet rayon fibers are all long lengths.

Matting depends upon the ability of [*Turn to page 295*

...Why women like this business creed

The quotation above appears on millions of boxes of STANLEY QUALITY PLUS Products.

It is a pledge of the superior worth of these products to women who shop for them at more than 10,000 STANLEY HOSTESS Parties daily.

Friendly, independent STANLEY Dealers do business in your community in the spirit of this quotation. Invite one of them to plan your STANLEY HOSTESS Party soon. Phone or write your STANLEY Dealer, your nearest STANLEY HOME PRODUCTS Branch Office, or STANLEY'S Home Office in Westfield, Mass.

Make Money With Stanley

Thousands of ambitious men and women with no previous sales training are now building happy, prosperous, permanent careers as independent STANLEY Dealers. If you, too, are interested in making money selling Stanley Products, write Dept. C, Stanley Home Products, Inc., Westfield, Mass.

Originators of the famous Stanley Hostess Party Plan

Copr. Stanley Home Products, Inc., 1951

STANLEY HOME PRODUCTS, INC., WESTFIELD, MASSACHUSETTS

BRUSHES, MOPS, DUSTERS, ETC., HOUSEHOLD CLEANING CHEMICALS, PRODUCTS FOR PERSONAL GROOMING

READER'S DIGEST* Reported The Same Research Which Proves That Brushing Teeth Right After Eating with

COLGATE DENTAL CREAM STOPS TOOTH DECAY BEST

Reader's Digest recently reported the same research which proves the Colgate way of brushing teeth right after eating stops tooth decay best! The most thoroughly proved and accepted home method of oral hygiene known today!

Yes, and 2 years' research showed the Colgate way stopped more decay for more people than ever before reported in dentifrice history! No other dentifrice, ammoniated or not, offers such conclusive proof!

LATER—Thanks to Colgate Dental Cream

Use Colgate Dental Cream
- **To Clean Your Breath**
- **While You Clean Your Teeth—**
- **And Help Stop Tooth Decay!**

*YOU SHOULD KNOW! While not mentioned by name, Colgate's was the only toothpaste used in the research on tooth decay recently reported in Reader's Digest.

Give your lawn a September boost

Photographs: Stanley

Here's proof you can grow grass in shade, on slopes. Sow shade-tolerant varieties; mow grass higher in shaded areas. Cut lower limbs from shade trees to let more light and air through

By Dr. L. C. Grove

No matter what's ailing your lawn right now, you can cure it in one of three ways. (1) If you still have 40 percent of your grass, prick, seed, and feed it. (2) If less than 40 percent is left, do a complete reseeding job, or (3) sod.

One of the biggest and most common lawn headaches is getting grass to grow in shade. If it's your problem, here are six helps:

Sow shade-tolerant varieties if you seed. In the North, fescue grasses are the most shade- and drouth-tolerant. Illahee and Creeping Red fescue spread and make smooth turf. Chewing's fescue has a tufted appearance. If your shaded area is on the moist side, sow Roughstalk bluegrass (*Poa trivalis*) instead of fescue. Whatever seed mixture you buy, be sure the package label lists a high percentage of fescue grasses. Follow directions.

For the South, Zoysia varieties are shade- and drouth-resistant. In the Deep South, use St. Augustine grass for shady, moist places. Seed isn't available for these grasses. You can start them by planting sprigs or by laying small sections of sod.

Prepare your soil. If soil is hard, loosen it up. If it's poor, spread an inch or two of good soil. Or work in some fine black peat. At the time tree leaves mature and drop, trees won't compete with grass seedlings for moisture. After leaves drop, light increases, and grass will get a start before winter. Rake your leaves often.

Water newly seeded spots. Sprinkle with a fine mist. Keep the ground moist until seedlings are an inch high. Continue watering, as needed, until fall rains take over. Don't overwater established grass where air circulation is poor.

Thin out some branches of your shade trees. Where there is a canopy of leaves overhead and a continuous matting of roots below the soil, grass won't get enough water or soil nutrients. Space shade trees no closer than 50 to 60 feet. On a 35-to-40-foot tree, cut off lower limbs up to 10 or 20 feet. Prune gradually in late winter or early spring.

Feed shady spots. You can help grass by feeding trees that shade it. The grass will have less competition for the feed you give it. Feed trees when frosts begin and leaves mature, or in the spring. With a posthole digger or a narrow spade, make holes in the soil 18 inches deep and 24 inches apart in a circle under branch tips. Mix 1 part of a complete plant food with 3 parts of soil to fill the holes. Feed your shade trees this way every second year. But feed your grass, especially under trees, in September and again in early and late spring with a lawn plant food. Use 3 or 4 pounds for each 100 square feet.

Mow regularly and high. Cut shade-tolerant grass as high as your mower will let you. Longer grass blades make stronger grass. [*Turn to page 218*

The chicken that's taking the nation by storm!!!!!

SPECIALLY PLANNED FOR EATING . . . . THROUGH 10 YEARS POULTRY INDUSTRY RESEARCH . . . . SPECIALLY FED FOR FLAVOR AND QUALITY . . . . AS PLUMP IN 3 MONTHS AS ORDINARY CHICKEN IN 4 MONTHS . . . . SPECIALLY RAISED FROM MEAT-BEARING STRAINS . . . . SHIPPED IN ICE TO PRESERVE FRESHNESS . . . . DISPLAYED FRESH ON CHIPPED ICE OR UNDER REFRIGERATION . . . . AT BETTER DEALERS EVERYWHERE . . . . P.S. ALSO QUICK-FROZEN--CUT-UP, READY-TO-COOK . . . . LOOK FOR BLUE AND WHITE PICTURE PACKAGE.

tender-grown Swift's Premium

the dream chicken that came true!

Smart home owners agree . . . Better living comes from better warm air heating. Waterbury furnaces and winter air conditioners are made to give you comfort, economy and dependability throughout the years. Waterbury "designed heating" provides the most modern heating available.

FOR EVERY SIZE HOME...FOR EVERY TYPE OF FUEL

OVER 44 YEARS OF Waterbury WARM AIR HEATING

THE WATERMAN WATERBURY CO.
1125 JACKSON ST. N.E. • MINNEAPOLIS 13, MINNESOTA

Please send me the new heating guide, "It's So Important" and the complete folder of Waterbury units.

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CITY _____ ZONE ____ STATE _____

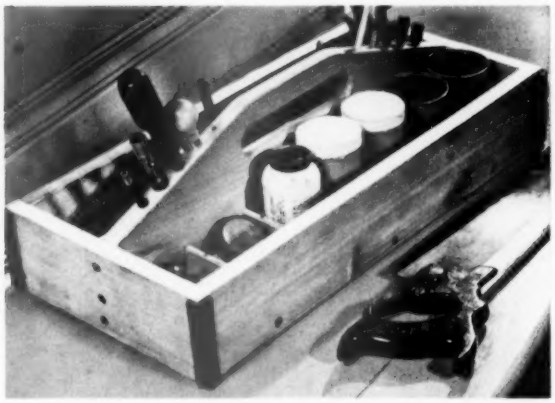
"It's What's Under the Casing that Counts!"

Tool carrier speeds your home repairs

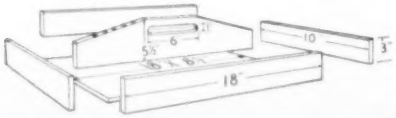
By Walter Burton

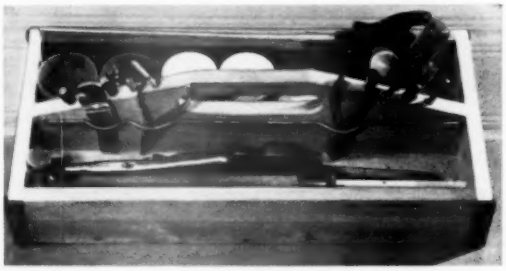
About half the work of making home repairs can be saved by having a tool carrier ready for action. All you need to save many steps is an open-topped box equipped with a handle and provided with compartments for tools, nails, screws, and spare parts.

The photographs show construction of such a toolbox. This one was built of pine boards salvaged from a scrap pile. Among its features are rubber corner pads to prevent damage to woodwork or furniture, a porcupine arrangement in the handle for carrying screwdrivers and other small tools, and compartments in which tools and supplies are stowed.



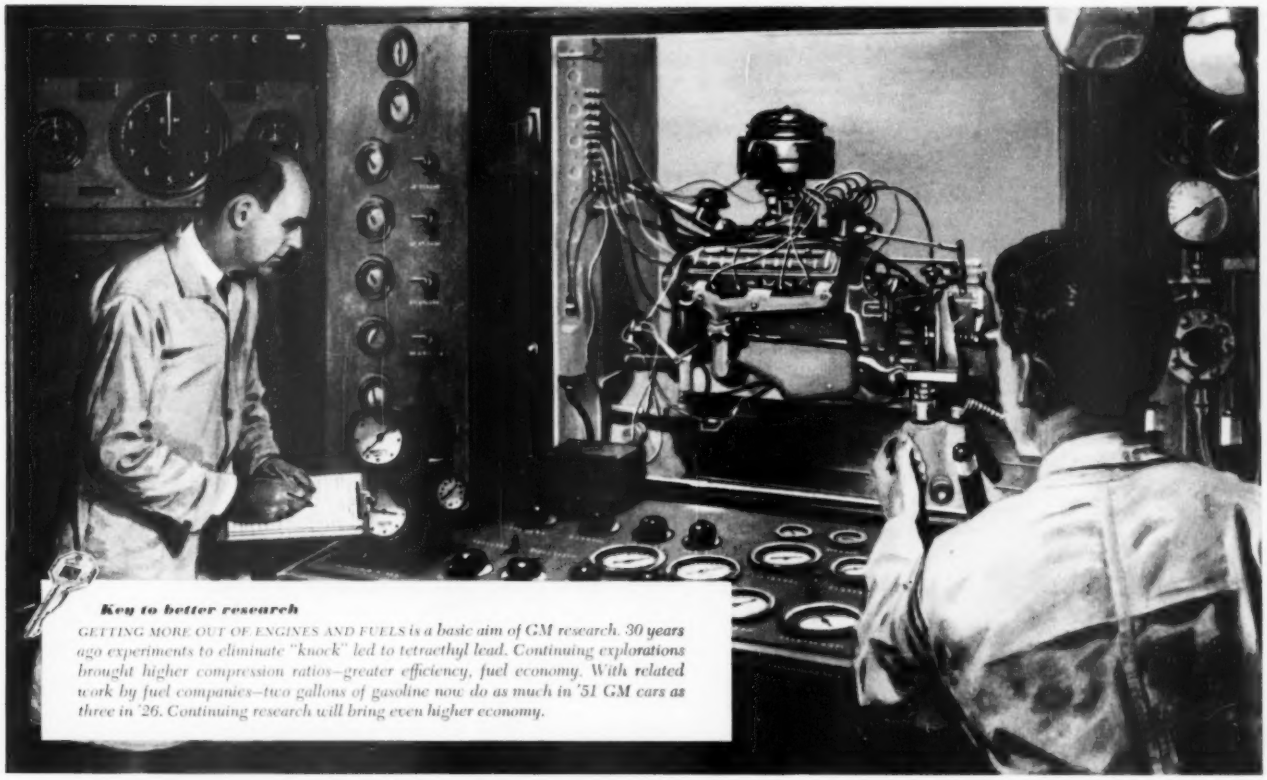
Here is the toolbox ready to go on a repair job. It holds such always-needed tools as hammer, saw, screwdriver, pliers, nail set, awl, file, steel tape, and pencil; and such repair items as nails, screws, faucet washers, cotter pins, and glue. For specific jobs, add the tools required





View from opposite side shows a tool holder made by stapling a window-curtain spring to the center partition. Note rubber corner bumpers to protect finishes; leather could be used instead. Cement bumpers in place or imbed heads of tacks. Sketch shows dimensions of box

More on page 23



Key to better research

GETTING MORE OUT OF ENGINES AND FUELS is a basic aim of GM research. 30 years ago experiments to eliminate "knock" led to tetraethyl lead. Continuing explorations brought higher compression ratios—greater efficiency, fuel economy. With related work by fuel companies—two gallons of gasoline now do as much in '51 GM cars as three in '26. Continuing research will bring even higher economy.

How *two gallons* came to do the work of *three*

SPECTACULAR advances in automobile performance do not often come about overnight. Most result from years of patient research.

Typical is the long-continued engine-fuel efficiency study that now enables current General Motors cars to get as much as 50% more work out of a gallon of gasoline than their predecessors of twenty-five years ago.

For the basic assignment of GM research is to be dissatisfied with things as they are—to keep applying the latest knowledge of physics and chemistry—to keep examining metals, plastics, finishes, every material and method of possible future use in cars.

These research discoveries are the beginnings of better engineering and of better manufacturing. Out of their combined efforts, come the steady year-by-year advances that add up to pacemaking improvements in quality, performance and value in all General Motors cars—and to something more.

For these advances also help GM to do a better job supplying America's needs in times of crisis.

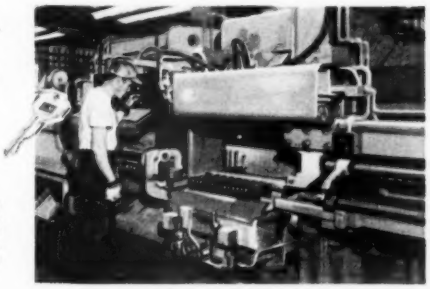
GENERAL MOTORS

"More and Better Things for More People"

CHEVROLET • PONTIAC • OLDSMOBILE • BUICK • CADILLAC
BODY BY FISHER • GMC TRUCK & COACH

YOUR KEY TO GREATER VALUE the Key to a General Motors Car

DEFENSE IS EVERYBODY'S BUSINESS
★
TRANSPORTATION IS EVERYBODY'S NECESSITY



Key to better manufacturing

THIS PUSH-BUTTON GIANT typifies countless tools developed in GM's search for ways to build better, fuel-thriftier engines. It swiftly shaves cylinder heads exactly—replacing a dozen slow milling machines. Such tools enable GM to do a precision job on a mass scale in GM cars and military vehicles.

Key to better engineering

THE FIFTH WHEEL—one of many devices used in 25,000-mile test drives at the GM Proving Ground. Practically frictionless, it enables engineers to gauge speed with extreme accuracy—helps measure fuel consumption. Typical of double-checks on every detail in engineering GM products.

Here's General Electric "Speed Cooking" at its finest

THIS SPARKLING NEW G-E "STRATOLINER" is the best thing that could happen to your kitchen—and you!

How clean everything stays—with so little effort. How marvelous meals taste—and they're fast and easy to get, too! You have *all* the joys of G-E "Speed Cooking"—just by pushing buttons!

Wonderful work-savers, too. Like these . . .

Extra Hi-Speed Calrod® Utility Unit—speediest 6-inch Calrod ever made! Heats up *really* fast!

Automatic Oven Timer says "when"! Simply put your meal in the oven, set a simple clock. Oven goes ON and OFF automatically . . . watches over dinner while you visit, read, shop.

New Hi-style Backsplasher—so easy to keep clean. Controls easier to see and reach, yet safely out of children's way.

Trim and specifications subject to change without notice.

DON'T BUY ANY RANGE until you've seen the G-E "Stratoliner"! At your General Electric retailer's. (See Classified Phone Book for listing.) General Electric Company, Bridgeport 2, Connecticut.

THREE OVENS IN ONE—
the famous G-E Tripl-Oven!

1. HUGE MASTER OVEN! Big enough to hold a 30-lb turkey with all the trimmings. All-Calrod bake unit. Rounded corners for quick, easy cleaning!

AUTOMATIC ELECTRIC

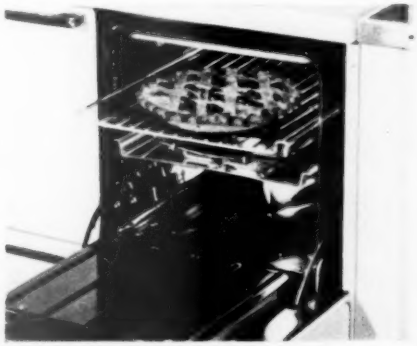
"SPEED COOKING" RANGES

TEL-A-COOK LIGHTS, WITH PUSH BUTTONS!

No more catch-as-catch-can cooking! A different colored light for each cooking heat (five to each unit)—a push button for each, too. Simply push a button for the *exact* heat you want, from simmer to speed-high.

BUILT-IN PRESSURE COOKER—RAISABLE UNIT!

Save ⅔ cooking time, have marvelous eating with this wonderful built-in Pressure Cooker! Also equipped with non-pressure top for economical deep-well meals. And if you need a fourth surface unit—zip! The deep-well Calrod glides to the top.



2. SMALLER SPEED OVEN! One quick adjustment gives you an economical oven for one-shelf cooking—heats up fast!

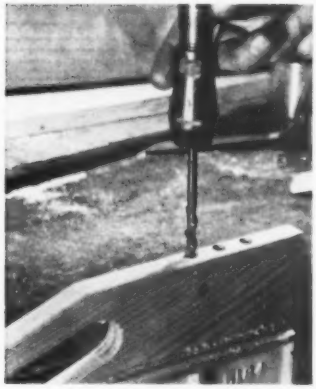
3. SUPER-BROILER, TOO! Waist-high, works fast, gives a charcoal-broiled flavor that's gourmet eating!

GENERAL ELECTRIC

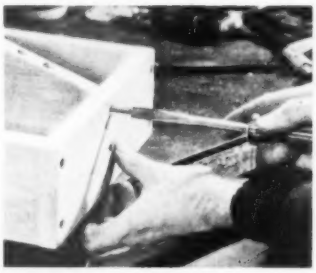
Tool carrier

Begins on page 20

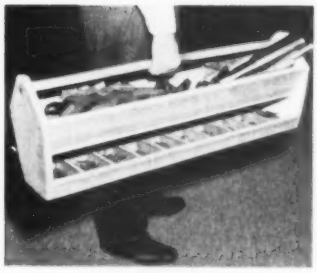
Center board should be wide enough to provide space for a handle. Here, hand opening is being cut with a saw after two holes were bored at ends. Lumber ¾ inch thick is suitable for box and center partition; thinner stock could be used for the other partitions



After handle piece is cut, round its various corners and edges with a rasp and sandpaper. Then, in the edge, bore several holes ranging from ⅛ inch to 7/16 inch in diameter, 2 to 3 inches deep. These hold small tools; should be drilled at right angles to edge of board as shown in picture

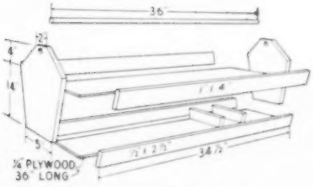


For maximum strength and service, assemble your toolbox with countersunk wood screws. Nailed joints will hold for a time, but eventually will open as box is knocked around



Another tool carrier has shelf for nails

Here is another type of portable toolbox, with tools in the upper section, nails and screws in the lower. Ten compartments provide space for a variety of sizes for many jobs



At left is explosion drawing showing dimensions of parts. Ends are cut from a piece of 1x12 lumber, drilled to receive a 1-inch dowel handle

"Did you ever see a house go up so fast?"

"Two weeks ago, it was just a hole in the ground. Yesterday, they started putting Temlok Sheathing over the framework, and today it looks like a house!"

Nowadays, new homes take shape remarkably fast when the walls are built with Armstrong's Temlok® Sheathing. That's because the big, lightweight Temlok boards are so much quicker to apply than old-fashioned sheathing. Construction time is cut by many hours—often days—which means sizable money savings.

Temlok is made of tough wood fibers formed into an exceptionally strong material. When it's nailed to the frame of a house, it makes the entire structure strong and solid, without extra bracing. There's almost no material waste, either. For moisture protection each fiber of Temlok is waterproofed with asphalt.

This will be a comfortable home, too, because Armstrong's Temlok has high insulation value. In winter, it saves money on fuel bills. In summer, it makes the house cooler by keeping heat outside.

Before your building plans are complete, be sure to ask your contractor or lumber dealer about Armstrong's Temlok Sheathing. It's one of the wisest investments a home owner can make.

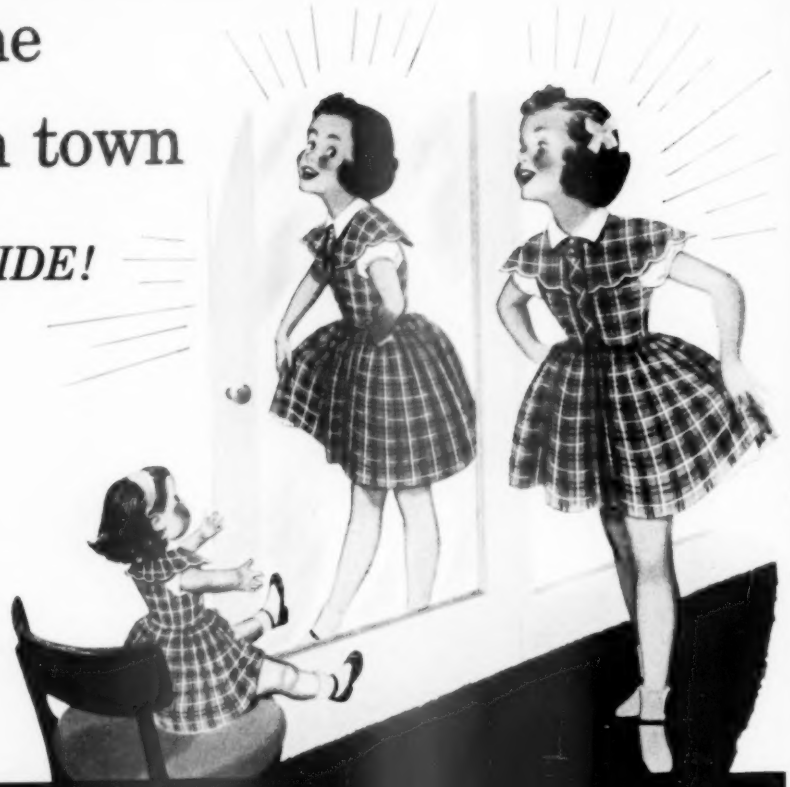
WRITE FOR FREE BOOKLET, "How to Build a More Comfortable New Home." It's packed with ideas about building materials and methods. Illustrated in color. Just write to Armstrong Cork Company, Building Materials Division, 5109 Farnum Street, Lancaster, Pennsylvania.

ARMSTRONG'S TEMLOK

One of the building materials made by the makers of Armstrong's Linoleum

She wears the cleanest clothes in town

. . . her mother swears by TIDE!



She wears the cleanest clothes in town—
So does her doll named Nancy.
(Tide does the most terrific job
On all clothes—plain and fancy!)

Tide GETS CLOTHES CLEANER THAN ANY SOAP!

NO SOAP—NO OTHER PRODUCT SOLD THROUGHOUT AMERICA WILL WASH AS CLEAN AS TIDE!

CLEANER CLOTHES! When you rinse out a Tide wash, you've got the *cleanest* clothes in town. Cleaner clothes than any other woman will get with *any* soap of *any* kind. Here's why! Tide not only gets out the ordinary dirt, but also *removes dulling soap film*. That's the miracle of Tide!

WHITER, TOO! Tide has been tested time after time against *all* leading washday soaps. And tests—made in *hardest* water—prove that Tide gets clothes cleaner and *whiter* than any soap! What's more, after just *one* Tide wash, soap-dulled colors actually come *brighter!*

WASHDAY PROOF! Millions of you women have *proved* Tide's miracle. You've seen the proof in your husband's cleaner, whiter shirts . . . in your own bright wash prints. And, with all this, Tide is kind to your hands—milder than ever before. Get Tide today for the *cleanest* wash in town!

P.S. PREFER TO SKIP RINSING?

With Tide you can skip the rinsing, and save all that time and work. Just wash, wring out, hang up. Tide will give you the cleanest possible no-rinse wash!

Guaranteed by Good Housekeeping

Have you heard the

Latest Garden News?

By Dr. R. Milton Carleton

New use for electricity

A new use of electricity promises to make control of plant diseases by dusting more effective.

Henry D. Bowen, at Michigan State College, has charged dust particles with a "negative" electrical charge as they leave the nozzle of the duster. Since plant leaves have a "positive" charge, they attract the dust like a magnet draws metal. As a result, up to 11 times as much dust is deposited and held on plants as when nonelectrified dust is used.

The idea will be developed commercially in 1952.

Bug chaser

A single fruit of Osage orange, *Maclura pomifera*, repelled roaches and water bugs so thoroughly that a room was soon cleared of these pests, the School of Chemistry at the University of Alabama reports.

Scientists now are studying the fruit to see if a powerful insect repellent can be developed from it.

Good tomatoes for 1952

Queen and Golden Sphere are two new tomatoes that promise well for next year. In my own tests, Queen was an outstanding early, with tremendous fruits long before its parents, Rutgers and Valiant.

Golden Sphere is a wilt-resistant version of Jubilee, the popular, big orange-yellow.

Queen was originated at the New Jersey State Experiment Station, Golden Sphere in Texas.

Nutgrass killer

Good news for Southern gardeners is that methyl bromide fumigation will kill nutgrass. Soil must be out of use at time of fumigation, however, since methyl bromide kills all forms of life in it.

A vaporproof paper or canvas cover is laid over the ground to be fumigated, the edges held down with soil. A methyl bromide applicator tube is then punched through the covering, and 1 pound applied for every 100 square feet.

Covering is removed after 24 hours, and the treated area is ready for re-use 48 to 72 hours later.

Gets weeds in strawberries

One of the best selective weed killers tested last summer on strawberries with good results was 2,4-dichlorophenoxyethyl sulfate.

The chemical didn't seem to do the berries any

More on page 26

"It's Fresher Tasting"

say 4 out of 5 Memphis Shoppers in Super Market TASTE-TEST—

Verdict agrees with test results in Cleveland, Syracuse and Milwaukee

NEW! STAYFRESH COCONUT

• Produced by a new secret process, Durkee's Stayfresh Coconut closely matches the flavor of the freshly-opened, tree-ripened coconut. Here's a packaged coconut that retains all of its rich, full flavor and moist goodness. Try it for mouth-watering cakes, pies, puddings and desserts.

Shopper in "Big Star" Super Market, Memphis, comparing unlabeled sample of Durkee's new Stayfresh Coconut with leading competitive brand.

Glidden

WHEN DURKEE'S MAKES THE COCONUT—THE COCONUT MAKES THE CAKE!

There are 3 Reasons Why I Call

VARLAR

the world's finest wall covering!

1. Breathtaking beauty
2. Resists stains of all kinds
3. Washes like new 25,000 times

DECORATE WITH VARLAR STAINPROOF WALL COVERING

REDECORATE WITH SOAP AND WATER

The most wonderful wall covering ever invented—as beautiful as the most expensive wallpapers, yet year after year you simply redecorate with soap and water. And—best of all, even indelible inks—hot grease—food stains of all kinds, simply wash away.

Varlar hangs as easily as wallpaper and is available in new beautiful patterns to give life and color to every room in your home. There are patterns that are the practical as well as charming choice for the nursery or child's room. Gay kitchen patterns that you know will retain their freshness and new appearance through thousands of washings. Bathroom papers, bedroom, living room, den, hall—now in new intriguing Varlar designs. See them now at your dealer's.

Varlar, division of United Wallpaper, Inc., Merchandise Mart, Chicago 54, Ill.

Varlar, division of United Wallpaper, Inc.
Dept. BHG-9, Merchandise Mart
Chicago 54, Ill.
Send me free sample of Varlar. Bet *I* can stain it.

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

harm, and it did kill all the weeds in the patch. It likely will be distributed in a limited way next year, but is not yet in commercial production.

Plant persistence

If you find white clover growing in your lawn after sowing a supposedly cloverless mixture, don't blame your seedsman.

Scientists at the New York State Experiment Station point out that hard seed of clover can survive for as long as 12 years without germination, then sprout to plague the lawn maker. While only 22 percent of such hard seeds finally germinate, that's enough to give a heavy stand from a relatively light seeding.

My own tests show that the quickest control for white clover in lawns is a combination of 2,4-D and potassium cyanate.

Peach double trouble

To fight peach tree borers effectively, the home gardener needs to recognize there are two kinds.

The Peach Tree Borer moth emerges early in spring, just ahead of bloom, and is active until frost. The Lesser Peach Tree Borer doesn't fly around until the Fourth of July, is active until late August.

The problem of control is complicated by the fact that DDT won't kill the Lesser Peach Tree Borer. Nor does that species go down the trunk to the soil line when hatched. The regular borer can be killed with PDB. Placed in a ring around the tree, it kills larvae when they crawl down to soil level.

About the most effective method of controlling the Lesser Peach Tree Borer in home orchards is to dig it out by hand. If the bark must be cut, be sure the slit is up and down. Otherwise the bark may peel around the trunk.

Mulberry trees get old

Despite the fact that mulberry trees show dead branches almost constantly, they aren't short-lived and are well worth saving.

Nels Johnson, Chicago tree specialist, points out that there is a White Mulberry at Mount Vernon, one of the few trees known to have been planted by George Washington's own hand.

Apparently, the mulberry grows too rapidly to support its entire top. By cutting back severely a specimen with an 18-inch trunk on my own place, I expect to give it a new lease on life.

Glass substitute for greenhouses

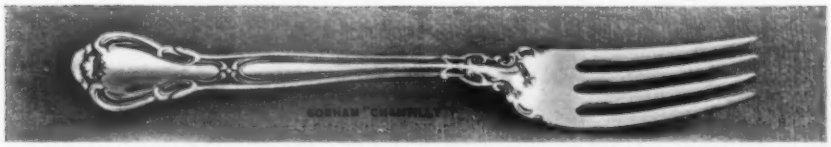
One of the big problems with small greenhouses—breakable glass—may be solved by experimental work under way at the Santa Barbara Botanic Garden by the University of California.

A material made of laminated glass fibers has shown up favorably as a replacement for regular glass.

Treat pots for algae

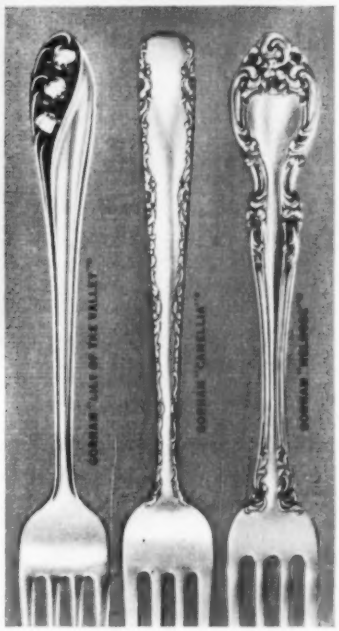
Recent tests show that homemakers who object to the mussy appearance of green algae on the pots of house plants can avoid this by dipping the pots in a solution of copper naphthanate. As the freshly applied solution will injure roots, pots should be dried a week before using. Don't grow African-violets in pots that you treat with the copper solution.

TV Sunday Night Supper starring *Gorham Chantilly*



IT'S NEW to put your wedding present sterling to work for a living...to make your cherished Gorham* Sterling tea tray the focal point of a casual Sunday night buffet. Fill your tray with fragrant brown bread, sharp cheese, cold meats and crown it with a relish-filled pineapple mounted on a sterling compote for an eye-filling, taste-tempting centerpiece you can eat. Ask your Gorham dealer for a free diagram for setting this table.

It's new to background your table with coral and brown and serve the hot dishes in earthenware casseroles. Your Gorham "Chantilly"* is the magic that pulls this whole scheme together. Chantilly is such a satisfying pattern...a beautiful blend of traditional elegance and modern adaptability. And so easy to own. A six-piece place setting (knife, fork, teaspoon, salad or pastry fork, soup spoon, and butter spreader) costs only $29.75 (incl. Fed. tax).



Easy way to complete your Gorham set! Tell your friends and family that you want Gorham Sterling as a gift on special occasions and don't be shy about telling them your pattern choice. There are sixteen timeless patterns from $29.75 to $39.25 (incl. Fed. tax).

Ask your Gorham dealer to show you Gorham's new exclusive one-piece sterling knife handle. Wonderful to know that it doesn't dent if you accidentally drop it. There are no seams to discolor, *and* you're assured your precious Gorham remains rattle-resistant.

Giving or getting, you'll be proud

"IT'S *Gorham*" STERLING

AMERICA'S LEADING SILVERSMITHS SINCE 1831

ALSO MAKERS OF GORHAM SILVERPLATE, GORHAM SILVER POLISH, GORHAM BRONZE, GORHAM ECCLESIASTIC WARES. *TRADE MARKS. COPYRIGHT 1951 BY THE GORHAM COMPANY.

GET YOUR COLOR QUESTIONS ANSWERED

In the big, new **SHERWIN-WILLIAMS** *paint and color*

STYLE GUIDE

YOURS TO BORROW . . FREE!
Here's the answer to
"WHAT COLOR GOES WITH WHAT?"
by Sherwin-Williams Decorating Studios

GORGEOUS 16 x 18½" PAGES
143 FULL-COLOR PICTURES
COLOR SCHEMES GALORE
ALL TYPES OF ROOMS

Actual size, opened, 37 inches

Women are really "raving" over the new Sherwin-Williams Style Guide. They are finding in these giant-size, full-color photographs of actual rooms, the answers to hundreds of questions such as:

"What wall colors go best with my carpet or sofa?"

"How can I get correct color harmony without buying a lot of new furnishings?"

This marvelous book makes home decorating easy—it's such fun to use. See the Style Guide . . . borrow it . . . at your Sherwin-Williams Dealer. Find his name under "Paint" in your Classified Telephone Directory.

. . . and see the new Style Guide Companion

The Style Guide Companion shows you 139 new colors from which to choose. It makes color selection easier than you could ever imagine. Big pages of color with ingenious "windows" show four decorator-approved accent colors for each basic color . . . authentic color schemes for your home.

. . . at the dealer who sells

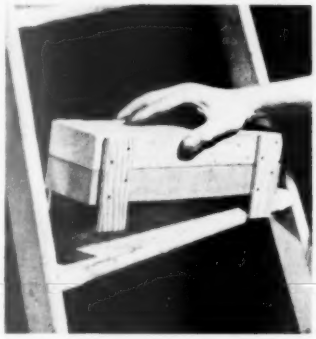
SHERWIN-WILLIAMS PAINTS

HOW-TO

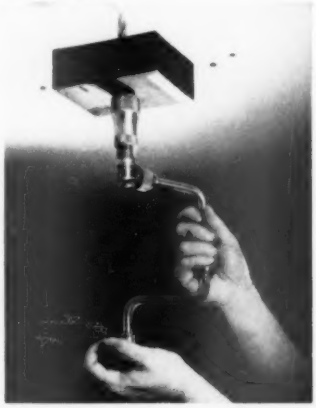
for the handyman

To stretch a point. When you support a plank on a pair of stepladders for ceiling work, chances are it is just a little too low for comfort. Plank-raising blocks let you paint, paper, or wash a ceiling with ease. Here, four plywood cleats hold a pair of 2x4s together and to the ladder's step. Blocks lift off when the job is done.

L. N. Martin
Virginia, Illinois



Photographs: Stanley

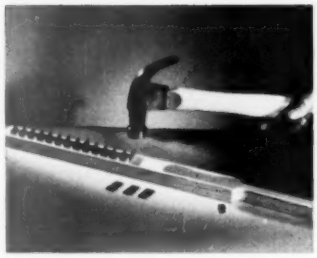


A box-top premium. You won't enjoy boring an overhead hole if your eyes and hair are filled with sawdust or plaster dust. Punch the bit through a small cardboard box, letting it rest on the chuck to catch dust. You'll avoid a sweep-up job, too.

Mrs. Carl J. Olsen
Racine, Wisconsin

Don't throw mud. Does your wife frown at those muddy shoes when you're finished working around the yard? Here's a neat scraper that will clean your shoes in a jiffy. To make it, just drive a number of corrugated fasteners in a scrap of wood.

Ken Murray
Colon, Michigan



Clip trap. With a clip board, you can keep your sandpaper handy and uncrumpled. To keep tab on the various grits, clip all the sheets rough side down. Mark grade numbers near edge of sheets; then jog the sheets enough so you can see these marks and select the one you want.

Capt. Robert C. Reeve
San Francisco, California

More on page 30

ELJER

Lustrous beauty **TO LAST A LIFETIME**

For a *beautiful* bathroom, combining color and styling with easy, immaculate housekeeping, more and more builders and architects are recommending Eljer Plumbing Fixtures. Whether you choose color, in lovely pastel shades, or Eljer's snow-white, the finish *cannot* fade, become dull or lifeless. Bathtubs have an extra-thick coating that is fused to a *rugged, rigid, cast-iron base*. Vitreous China Lavatories and Closet Combinations resist stains and are impervious to all ordinary acids . . . because they are *real* china. Eljer Faucets, too, are quality-built for long, trouble-free service, and all wearing parts are easily renewable. For free booklet, write to Eljer Co., Box 192, Ford City, Pennsylvania, and write Eljer Plumbing Fixtures into *your* plans.

Eljer's Legation Bath features an integral end-seat and a wide, front rim-seat, only 16 inches high . . . easy to step in or out and ideal for bathing children. Bottom is flat for safety's sake . . . and every part of this bath is within easy reach for cleaning.

ELJER HAS MADE MORE THAN 12 MILLION PLUMBING FIXTURES SINCE 1904 .... FACTORIES AT FORD CITY, PA., SALEM AND MARYSVILLE, OHIO

How to make heavenly Peach Salad

Drain a No. 2½ can of cling peach halves, reserving ½ cup of the juice. Cut all but 2 of the halves into small pieces, cut the 2 halves into thick slices. If you use fresh peaches, you will need about 4 medium size. Soften 1 envelope gelatin in 4 tbsps. cold water. Dissolve in hot peach juice. Cool.

Soften one 8-oz. pkg. Philadelphia Brand Cream Cheese and gradually blend in 1½ tbsps. lemon juice and ½ cup of Kraft Mayonnaise. Add ½ tsp. salt. In dishes like this, the delicacy and richness of Kraft Kitchen-Fresh Mayonnaise are supremely important. You need true mayonnaise *at its finest.*

Whip ½ cup heavy cream. Add cut-up peaches to cream cheese-mayonnaise mixture. Blend in cooled gelatin mixture and fold in whipped cream. Pour into 4 individual molds and chill until firm. Unmold on crisp leaf lettuce on salad plates. Garnish with maraschino cherries and the peach slices.

True mayonnaise at its finest!

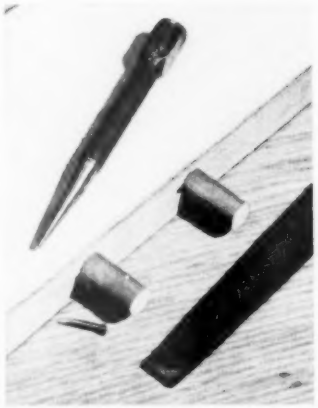
Made *solely* of choice salad oil and eggs, fragrant vinegar and seasonings, Kraft's is true mayonnaise *at its finest* . . . luxuriously rich, with a most delightful flavor. If you haven't tried Kraft Mayonnaise, you've a happy surprise ahead!

Don't miss TV's most famous dramatic show! KRAFT TV THEATRE—every Wednesday evening, NBC-TV.

Kraft KITCHEN FRESH Mayonnaise

How-to for the handyman

Begins on page 28



Lock stock. After you glue a dowel in place, you can lock it there so it won't twist out. For locking, I use cutoff finishing nails, filed flat on one side for easy starting. Drive the nails parallel with the dowel, as pictured, and they won't be visible after assembly is completed.

Rev. Arnold G. Wulff
Evansville, Indiana

Special purchase. Can you put a square bend in the edge of a piece of heavy sheet metal if you don't have a machinist's vise? The answer is yes, with nothing more than a pliers and flat hinge. Clamp the hinge over the metal edge. Make the bend gradually, about 20 degrees at a time, as you move the hinge along the edge. The hinge gives you enough purchase on the metal so you won't chew it up.

John P. Maynard
Blacksburg, Virginia

Foil foils lip drip. The final step in a good job of paint mixing is called "boxing"—pouring from one container to another. But it can be messy, as paint catches in the lid groove and drips down the can's side. I make a pouring spout from a small square of aluminum foil, molding it to the paint can's edge so it will stay in place.

Mrs. J. F. Emerick
Lowellville, Ohio

Grinder grabber. My food chopper was inclined to slip around when doing a tough grinding job. I tried folding a sheet of sandpaper over the table edge, rough side out. Then I clamped the chopper over the sandpaper. With the extra friction, the chopper stayed put—and without marring the table edge at all.

Mary Anderson
West Liberty, Iowa

More on page 33

Blissful Comfort — and no "after-crush"

This luxurious cushioning stays plumply unrumpled for life

FEEL HOW AIRFOAM *molds itself to every pressure—responds with an instant buoyant "uplift"!*

BEAUTIFUL furniture is to live *with*, not to live *for*—so you'll be glad to know your furniture-fussing days are over. Over—if your furniture is cushioned in gloriously comfortable AIRFOAM that plumps *itself* up after using!

And AIRFOAM has *many* timesaving, moneysaving qualities found in no other form of cushioning:

It never needs fluffing up. It never harbors dust. It never sags or hollows out like old-fashioned cushioning. It just naturally keeps its plump, unrumpled company-look through every "morning after"—through the years!

You see, *genuine* AIRFOAM's millions of tiny air cells tirelessly adjust their shapes to yours—give you cool, blissful, buoyant rest—and then plump right up to cradle the next lucky user!

You can take your pick of AIRFOAM in any style furniture—or bring new life, looks and comfort to old furniture by reupholstering with AIRFOAM. For lifetime ease and beauty without fuss, muss, or dust, be sure to get *genuine* AIRFOAM!

Goodyear, Airfoam Dept., Akron 16, Ohio.

Airfoam

SUPER CUSHIONING BY

GOODYEAR

THE GREATEST NAME IN RUBBER

Airfoam—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio

The All-Family Drink!

So pure... So good... So wholesome for everyone — including the tiniest tots!

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FAMILY GAME BOOKLET. Family fun suggestions for youngsters and grownups! Send 20¢ in coin to FAMILY FUN, 1523 S. 10th St., St. Louis 4, Missouri, or your local Seven-Up Bottling Company.

Name _____

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City _____ *State* _____

How-to for the handyman

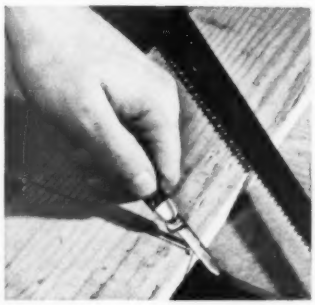
Continued from page 30

Got an angle? Those spring-capped oiling holes often are in inaccessible places where you have to do the oiling job with one hand. If you bevel the spout of your oilcan with a file, you can use it to lift the cap before you apply the oil.

Hugh Linsback
Stillwater, Oklahoma

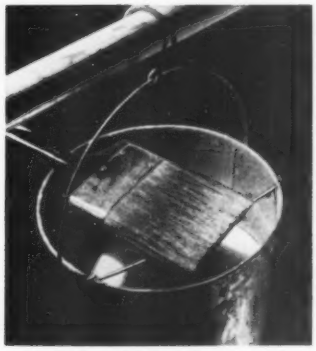
What's the handle? When you are drilling pilot holes for screws and countersinking at the same time, it's handy to use a doorknob with the countersink bit instead of a brace. The bit's tang slips easily into the knob, holds by friction. If you have only one brace and don't drill all of the pilot holes at one time, there's no shifting of drill bit and countersink as you do the job.

Russell A. Pasco
Pittsburgh, Pennsylvania



Off to a good start. If you are not an expert with a saw, a knife-cut notch at the starting point will help you start your saw cut easily and accurately. Make the notch on the waste side of the sawing line so your board won't be short thickness of saw blade.

Walter Haase
Wethersfield, Connecticut



Don't be a drip. Here's an easy way to improve your paint bucket. Punch holes near the rim and insert a length of stiff coat-hanger wire. Use the wire to wipe excess paint from your brush, and to rest the brush on. Then paint won't run down the outside of the bucket and drip on the floor.

Jackson Hand
Palatine, Illinois

▶ Send us your home-repair tips. For each accepted, *Better Homes & Gardens* will pay $5. Suggestions will be considered carefully, but we regret we cannot return those not accepted. Send to Home Maintenance Editor, 6709 Meredith Building, Des Moines 3, Iowa.

Actual color photograph: Ceiling, Celotex Textured White Tile Board. Walls, Celotex No. 78 Ripple Blend and Celotex No. 112 Blue-Green Finish Planks.

Just the room to romp or relax in...

Build it with Celotex for only $54*

*Approximate cost of Celotex Interior Finish materials for walls and ceiling of average 10' x 14' room.

Here's a friendly, comfortable basement room with a flair for fun—just the place for hobbies, games, family activities of every sort! It's typical of the beautiful rooms you can easily, thriftily build . . . with the new Celotex Insulating Interior Finishes!

All at one time, at one low cost—these handsome structural panels build, insulate and decorate. When building new rooms, you can quickly, easily staple or nail them to wood framing. And you can also use them to modernize old-looking rooms. Just apply over drab, cracked walls and ceilings!

To save you money, Celotex Insulating Interior Finishes are beautifully *pre-decorated* at the factory. *No painting or papering required.* Your choice of stunning, exclusive colors, including smart new Blue-Green and Sierra Rose! Rich, interesting textures!

Of all interior finish materials, *only* Celotex Insulating Interior Finishes are made of long, remarkably strong Louisiana cane fibres—and protected by the exclusive (patented) Ferox* Process against fungus, dry rot and termites. What's more, they keep rooms snug and warm in winter—cooler in summer. Save you money on fuel, too.

So visit your Celotex Dealer today. Discover how easy it is to have smart, practical rooms of distinction . . . with Celotex Insulating Interior Finishes! The Celotex Corporation, Chicago 3, Ill.

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SEND NOW . . . for one or both of our new Celotex booklets on Interior Finishes. One gives you ideas for building new rooms and remodeling present rooms in your home at low cost. The other gives practical ideas for smart, modern, customer-attracting business interiors. Beautifully illustrated in full color. MAIL COUPON TODAY!

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What does her first teacher expect of your child?

By Ruth Hildreth Abild

Some things schools prefer to teach. Learning others in advance makes life easier for everyone concerned

Photograph: Pease

Teacher knows beginners need lots of help, but she has a right to expect certain things of them

The first day of school arrives. With a mixture of sadness that she's growing up, and pride that she's such a fine little lady, you present your Dorothy to her first teacher. Your hopes are high for that youngster of yours. You know what *you* want for her and expect her to gain from her first contact with school. But do you know what her teacher wants and hopes for from her and from all youngsters just starting to school?

No teacher expects a youngster to be a model pupil when he enters school. She knows he won't be completely trained; that's part of her job, as well as yours, but there are some things she has a right to expect him to know.

The kindergarten or first-grade teacher is necessarily a "part-time nursemaid," but she also has to complete the expected amount of teaching by June. It will help if your youngster measures up on the following counts:

What abilities does the teacher hope your child will possess?

How to go to the lavatory by himself.

How to put on his outdoor clothing with a minimum of help.

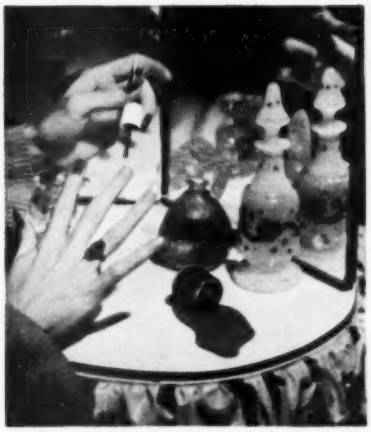
How to cross the streets safely.

How to play with other children without too much scrapping. *Turn to page 187*

A PICTURE WINDOW insures a room for life against any possibility of being gloomy, dull or dark. For a picture window not only frames and dramatizes the view . . . it also invites daylight to stream into your room and flood it with cheer and brightness. Your best bet for large areas like this is either Twindow, the window with built-in insulation, or regular Pittsburgh Plate Glass. Both are noteworthy for their clarity and beauty.

3 popular room rousers OF PITTSBURGH GLASS

MIRRORS ARE MARVELOUS for adding spaciousness, gaiety and liveliness to a room. Especially large, multiple, built-in wall mirrors like these, that show you how you look from every angle. You can get Pittsburgh Mirrors made from various colors of Plate Glass. Note the interesting use of Plate Glass shelves on the mirror above the lavatory.



YOU CAN ALSO ROUSE A ROOM from the commonplace, quickly and easily, with furniture tops of Pittsburgh Plate Glass. They're smart and sparkling in appearance . . . and they give prized furniture absolute protection against spilled cosmetics, neglected cigarettes and scratches.

MADE PPG FROM
PITTSBURGH
PLATE GLASS

THIS LABEL identifies products made of genuine Pittsburgh Plate Glass.

NEW FREE BOOKLET! 24 pages of practical suggestions for effective use of glass in your home. Illustrated in color. Ideas for new homes and old. Send the coupon for your free copy.

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PITTSBURGH PLATE GLASS COMPANY

Gulistan Cloisonné—winner of the Academy of Designing Gold Medal Award. Subtle, swirling, surf-like—it's the newest, loveliest loop-pile texture you ever saw! In Platinum Gray (shown), Seacap Green, Nutmeg Beige. All-virgin-wool pile.

your HOME *dressed for the occasion?*

How lovely she looks, rapt in the wonderful excitement of that first formal! And how happy you are that your home provides the proper background for these never-to-be-forgotten moments. You can always count on beautiful Gulistan carpet to help give your home that atmosphere of quiet luxury, of grace and charm.

See the latest styles in the all-virgin-wool pile for which Gulistan has long been famous, or blended with the new, remarkable carpet rayons. And look for the name Gulistan, woven or stamped in the back of every genuine Gulistan carpet.

Renaissance—sculptured, luxurious, the "carpet of famous decorators" comes in nine high-style hues. All-virgin-wool pile.

Penhurst—attractive tone-on-tone leaf pattern—and at an attractive price. See this and other lovely designs in Penhurst quality.

Chevron—three levels of looped pile in a long-lasting blend of virgin wool and amazing new carpet rayon. Four gorgeous colors.

FOR DECORATING IDEAS BY THE DOZEN! Write for Carole Winslow's colorful new book, "How to Buy a Carpet"—it's packed with decorating hints for you. Send 25¢ to:

Dept. BH-4, A. & M. Karagheusian, Inc.
295 Fifth Avenue, New York 16, N. Y.

of course

GULISTAN *Carpet*

REG. U. S. PAT. OFF.

WOVEN ON POWER LOOMS IN THE U. S. A. • A. & M. KARAGHEUSIAN, INC., FIFTH AVENUE, NEW YORK

"Heatmaster is my number one recommendation every time!"

That's James F. Walsh talking. He's a prominent heating and plumbing contractor of 1912 Church Street, Nashville, Tennessee. And Mr. Walsh continues: "Not only have I sold and serviced C-E Heatmaster *fully* automatic water heaters for many years, but when it came to choosing one for my own house—it was just natural to select C-E Heatmaster. And my customers are sold too—they're all getting economical hot water unequalled by any other make."

You can bank on the word of the man who knows water heaters—your Master Plumber. Installing and servicing water heaters is part of his business. He can give you sound advice on the heater that's right for your home, family needs, budget.

And that's why so many plumbers recommend HEATMASTER, the fully automatic water heater designed and engineered by one of the world's largest boiler manufacturers. For HEATMASTER gives you plenty of hot water at the lowest possible cost!

C-E HEATMASTERS are available in a wide range of sizes—Round Cabinet Electric Models from 20 to 100 gallons; Table Top Electric, 40 gallons; Round Cabinet Gas Models (Natural, Manufactured or Liquefied Petroleum), 20 to 75 gallons.

Ask your Master Plumber for the helpful folder, "Your Guide to Hot Water Enjoyment"—or write direct.

Electric—Approved and listed by Underwriters' Laboratories, Inc.
Gas—Carries A. G. A. seal of approval.

C-E Heatmaster®
AUTOMATIC WATER HEATERS
Water Heater and Soil Pipe Division
COMBUSTION ENGINEERING-SUPERHEATER, INC., P. O. Box 1749, Chattanooga 1, Tenn.

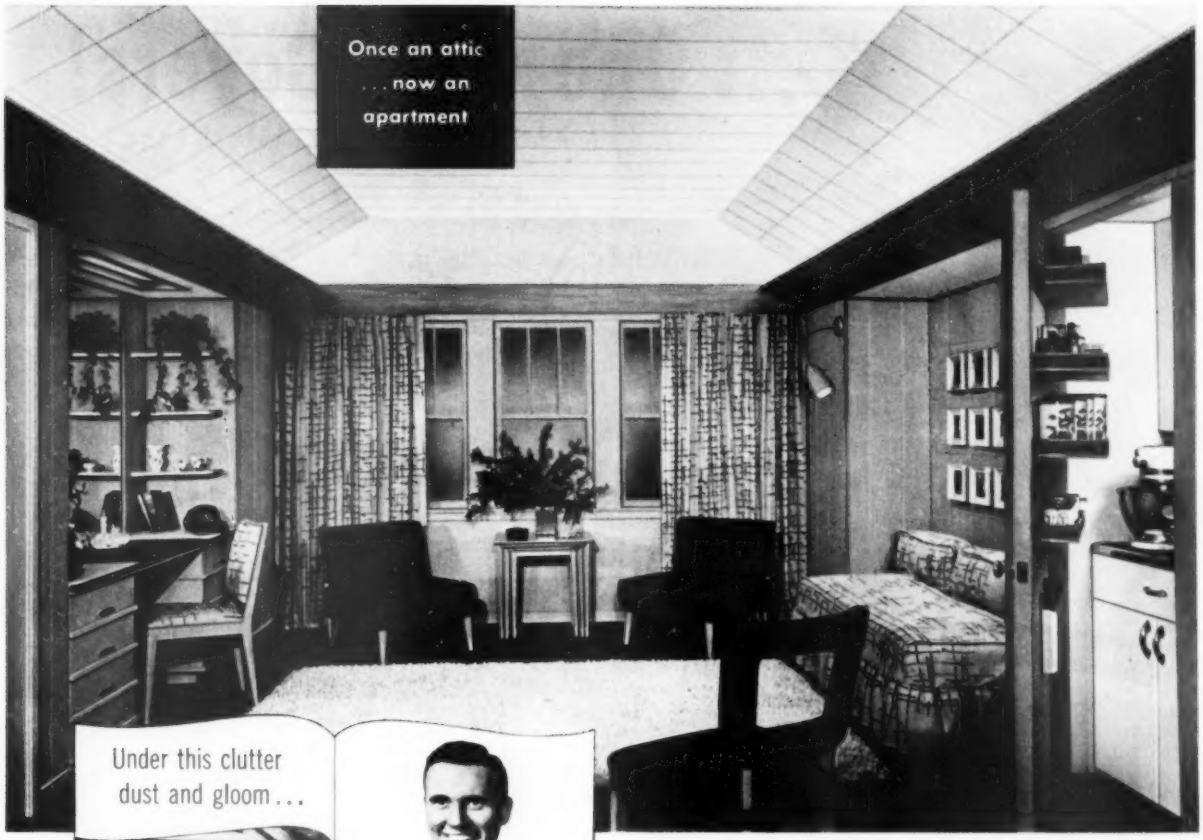
More closet space with organized storage

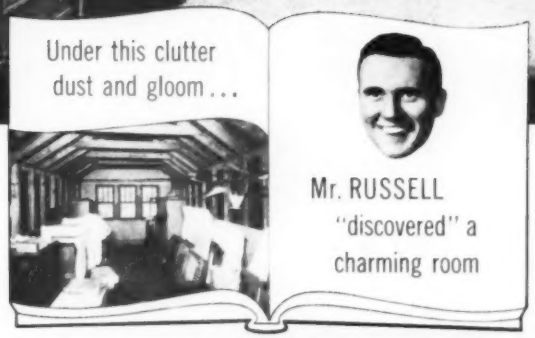
Photograph: Sunderland

No closet clutter here. Hanging poles with shelves above flank the high storage chest. Cutout pulls on chest eliminate dirt-catching protrusions, and by peeking into opening, you can see drawer's contents without opening it. Bottom row of shelves is elevated to provide toe room, prevent scuffing. Bowman and Long, decorators

Howland

Big closet convenience in small closet space is what the Benjamin Snyders, New Hope, Pennsylvania, have. Pull-out clothes rod is pushed out of the way to give plenty of room when you want to use high storage unit. And notice the open shelves above the storage drawers—they're just right for hat boxes. Decorator: Dorothy Draper





With the Nu-Wood and Balsam-Wool System, a beautiful attic apartment like this can pay for itself. That's because Balsam-Wool attic insulation is *guaranteed* to cut your fuel bills. Remember, too, that Balsam-Wool will help to keep your home far cooler in summer.

We always knew that some day Fred's mother might come to live with us—but we hadn't expected it so soon. Then suddenly, we had to find a place for her in our crowded house.

"There's always the attic," Fred said, "but look at it! If we were going to remodel, I wouldn't know where to start."

"Starting is the easiest part of the job," Mr. Russell, our lumber dealer, told us. "The first thing to do is to make that attic—and your whole house—really comfortable by applying Balsam-Wool attic insulation.

"Then we'll apply Nu-Wood, one of the finest materials I know for building a new room. It's already factory-decorated—needs no painting. The special tongue and groove joint and the Nu-Wood Clip System make application quick and easy. Nu-Wood gives you extra bonuses in acoustical and insulating benefits, too.

"I suppose you're thinking about the cost of it all. Well, there's good news on *that* score! The Balsam-Wool in your attic can save enough on fuel bills to pay for itself—and for your Nu-Wood room, too. That's the wonderful thing about the Nu-Wood and Balsam-Wool System!"

Home owners all over the country are using this beautiful Nu-Wood decorator book to help them solve remodeling problems. Here's a real source of inspiration and ideas! Mail the coupon for your copy!

Wood Conversion Company
Dept. 112-91, First National Bank Building
St. Paul 1, Minnesota
Please send me the Portfolio of Rooms, plus helpful plans on the attic room shown. I enclose 10 cents. (Please print.)

Name.....

Address.....

City.....State.....

Balsam-Wool*

*REG. U.S. PAT. OFF.

PRODUCTS OF WEYERHAEUSER

Nu-Wood*

Truly... One Coat Covers!

Here's how ParaTex Rubber Base Wall Coating (right) compares with ordinary flat oil paint used over the same surface conditions. No "lime burn"—no "showing through" of the old surface, with ParaTex. Dries fast—rolls on or brushes.

Here's how results with ParaTex Rubber Base Wall Coating (right) compare with a water-mixed paint. ParaTex Wall Coating is self-sealing. Does not bubble under the roller, covers light and dark areas with a uniform color effect . . . perfect dry-hiding in one coat. No unpleasant odor.

A uniform color effect in one coat on patched walls is a problem ordinarily—but not with ParaTex Rubber Base Wall Coating. No spot coating is needed. Even hair checks don't show that faded-out appearance at the edges . . . it is the perfect sealer and finish combined.

TRUSCON

PARATEX®

Rubber Base

WALL COATING

—is not an oil paint . . . not a water-mixed paint. It is something NEW in decorative coatings—a dispersed rubber resin coating. Rubber base paints have been pioneered and developed by Truscon over the past 15 years and represent a NEW ERA in paint manufacture.

ParaTex Rubber Base Wall Coating is available in 12 Spectra Tones and Vogue Shades, selected by the women of America! Naturally, it is washable. Write for free literature and name of your nearest dealer, who will gladly arrange amazing one-coat demonstration.

PIONEERS IN RUBBER BASE COATINGS

PARATEX FLOOR COATING

STONETEX MASONRY COATING

TRUSCON *Laboratories*

DIVISION OF DEVOE & RAYNOLDS CO., INC. DETROIT 11, MICHIGAN

Garden clinic

Fruit and leaf spots

Q *The fruit on our peach tree is freckled with black spots. What causes this?* *N. D. C., Michigan*

Your peaches are probably infected with a fungus disease called peach scab. Freckling occurs on apricots, too. Also, scattered brown spots appear on leaves. These spots dry, fall out, and leave round holes. Sometimes infected fruit cracks. This disease should be prevented, but you can do nothing now. Next spring, follow the local spray program recommended by your state college extension service. Wettable sulfur spray at 10- to 14-day intervals for 3 to 5 applications is usually recommended for control.

Q *The leaves on our Wealthy apple tree have a lot of orange-colored spots. Will our tree die?* *C. D., Missouri*

Photographs: Stanley

Your tree isn't likely to die, but it can be weakened. Your trouble is redcedar rust disease which infects hawthorns, too. The two species of leaves above show how the orange spots vary in size. Spores discharged from spotted areas infect redcedar trees. Disease galls form on redcedars which in turn release spores to infect apples and haws. Spray fruit trees next spring with ferbam. Ask your state agricultural college for exact dates to spray.

How we retired with $250 a month

HERE WE are, living in Southern California. We've a little house just a few minutes' walk from the beach, with flowers and sunshine all year. For, you see, I've retired. We're getting a check for $250 a month that will keep us financially independent as long as we live.

But if it *weren't* for that $250, we'd still be living in Forest Hills, and I'd still be plugging away at the same old job. Strangely, it's all thanks to something that happened, quite accidentally, in 1926. It was August 17, to be exact. I remember the date because it was my fortieth birthday.

To celebrate, Peg and I were going out to the movies. While she went upstairs to dress, I picked up a magazine and leafed through it idly. Then somehow my eyes rested on an ad. It said, "You don't have to be rich to retire." Probably the reason I read it through was that just that evening Peg and I had been saying how hard it was for us to put anything aside for our future.

Well, we'd certainly never be rich. We spent money as fast as it came in. And here I was forty already. Half my working years were gone. Someday I might not be able to go on working so hard. What then?

Now this ad sounded as if it might have the answer. It told of a way that a man of 40—with no big bank account, but just fifteen or twenty good earning years ahead—could get a guaranteed income of $250 a month. It was called the Phoenix Mutual Retirement Income Plan.

The ad offered more information. *No harm in looking into it*, I said. When Peg came down, I was tearing a corner off the page. First coupon in my life I ever clipped. I mailed it on our way to the movies.

Twenty years slide by mighty fast. The crash . . . the depression . . . the war. I couldn't foresee them. But my Phoenix Mutual Plan was one thing I never had to worry about!

1946 came . . . I got my first Phoenix Mutual check—and *retired*. We're living a new kind of life. Best of all, we've security a rich family might envy. Our $250 a month will keep coming as long as we live.

Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of $10 to $250 a month or more—beginning at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women—and for employee pension programs. Don't put it off. Send for your copy now.

1851 1951

100th ANNIVERSARY YEAR

PHOENIX MUTUAL

Retirement Income Plan

GUARANTEES YOUR FUTURE

PLAN FOR WOMEN

PHOENIX MUTUAL LIFE INSURANCE CO.
862 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet "Retirement Income Plans for Women."

Name_____

Date of Birth_____

Business Address_____

Home Address_____

PLAN FOR MEN

PHOENIX MUTUAL LIFE INSURANCE CO.
862 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet showing how to get a guaranteed income for life.

Name_____

Date of Birth_____

Business Address_____

Home Address_____

COPYRIGHT 1951, BY PHOENIX MUTUAL LIFE INSURANCE COMPANY

NO WASH, NO WIPE TONIGHT!

New DREFT does both and dishes SHINE

. . . . . All YOU do is RINSE!
Even pots and pans glisten!

You don't wash . . . Instead of washing dishes just let them soak in warm Dreft suds for 2 minutes. Dreft floats grease and food particles away. Your hands barely touch the dishwater. All *you* have to do is rinse the dishes, giving a swish of the cloth where needed, and presto! They're done!

You don't wipe . . . New Self-Washing Dreft leaves no dishwater film. It washes dishes and glasses so clean, they shine—even without wiping.

You don't scour . . . Even pots and pans practically *soak* clean. Dreft's amazing "floataway" action gets *under* grease . . . lifts it off. Then grease *rinses* away . . . without hard scouring.

It's magic ... sheer magic ... it's self-washing!

BEAUTY TIP!

New Dreft is so mild, and your hands are in water so little, it leaves hands beautifully white and soft!

Here's an idea!

These decorating tricks from John Garner's home prove it pays to use your imagination

Unusual dining-room fireplace is made from an old Franklin stove. Flue connects with chimney of living-room fireplace on opposite side of wall. Stove chimney is of brass, whitewashed and softened by two carved wood brackets, holding plant containers and figurines

Photographs: de Gennaro

Narrow storage spot for folding tables is right inside front door. With panels closed, area looks just like part of the walls. You'd never guess there is storage space behind. Door panel is given regular wall treatment with three distinctive prints hung on center panel

Walls and ceilings of this interesting living room are of natural finished, vertical grain Douglas Fir. The grain pattern of the beams, also of Douglas Fir, supplies an interesting contrast.

SEND FOR FREE BOOKLET: Fully illustrated with beautiful, full-color photographs of exteriors and interiors of actual homes.

This new booklet, "Beautiful Homes of Wood," is an excellent source of ideas and suggestions for everyone planning to build now or in the future. Mail coupon today for your free copy.

Another beautiful home of West Coast Woods...

The natural warmth and friendliness of West Coast Woods enhance homes of every architectural style from functional Modern to classic Colonial. Yet beauty is but one of the reasons for selecting West Coast Woods...actually, no other materials are so adaptable to your individual ideas and requirements. That's why a home of West Coast Woods is practical and sound...an investment in comfortable family living for many years to come.

As you plan your home, get acquainted with your retail lumber dealer. He can give you many helpful suggestions on building to best advantage with these versatile West Coast Woods...Douglas Fir, West Coast Hemlock, Western Red Cedar and Sitka Spruce.

There's a RIGHT WAY to do everything...Build RIGHT with

WEST COAST WOODS

Douglas Fir
West Coast Hemlock
Western Red Cedar
Sitka Spruce

Lumber of Quality Produced by Members,
WEST COAST LUMBERMEN'S ASSOCIATION

USE THIS COUPON FOR FREE BOOKLET

WEST COAST LUMBERMEN'S ASSOCIATION
1410 S. W. Morrison, Room No. 19
Portland 5, Oregon

Please send me your free booklet, "BEAUTIFUL HOMES OF WOOD."

Name _____

Address _____

City _____ Zone _____ State _____

Paul Hosse photo

Decorative and other specifications subject to change without notice.

New driving thrill! 120-horsepower wonder car!

Spectacular Studebaker Commander V-8

A jet-streamed powerhouse on wheels!

New-type high efficiency valve-in-head V-8 engine!

Sensational acceleration! Exceptional thrift!*

A stand-out in quality! A bargain buy!

*Best 8 in actual gas mileage in 1951 Mobilgas Run. Overdrive, optional at extra cost, was used.

SEE THE THRIFTY STUDEBAKER CHAMPION, TOO . . . TOP VALUE OF THE TOP 4 LOWEST PRICE CARS

©1951, The Studebaker Corporation, South Bend 27, Indiana, U. S. A.

Make your home a

Happy union of house and site

By Susan Jones Medlock

Whether you are building or remodeling, the best-looking house you can own is one that seems to have been designed specifically for its site. The site can be background against which your house will stand out, or your house can blend into its site, as does the Paul Beesons' Atlanta, Georgia, home.

Towering oaks and a hilltop location provide all the privacy the Beesons need. The house rambles between the trees, partaking of their shelter, and hugs the ground on all sides. Its single story adds to the oaks' height and grandeur. View the house from any side, and you get the immediate impression that it "belongs" there, that it improves its woodsy setting, making nature more complete.

Just as the exterior harmonizes with its site, the interior of the Beesons' home harmonizes with family living. Five outside doors are placed so it's easy to get outdoors from any room, and they make housekeeping easier, too. For example, a door opening on the play yard from the boys' room (John is 7, Peter, 5) keeps muddy tracks from the other rooms now. Later, when the boys are older, they will appreciate having their own private entrance.

Other well-planned exits are the [*Turn to next page*

Pine siding and trim, stained in shades of green, blend with oaks' foliage. Roof extension covers the porch at the rear of house, and helps trees protect living-room's window wall from summer sun

1866 MASLAND

Masland Beautiblend Broadlooms

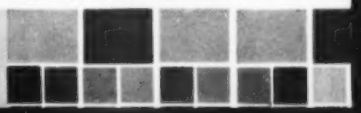
"Wait till folks see this new Masland Broadloom! *Everybody's* going to want MASLAND RUTLEDGE!"

New Masland Rutledge is as different from ordinary twist-weave carpet as a Turkish towel is from a handkerchief! See bold, thick, deep-textured Rutledge—newest Masland Beautiblend Broadloom—wherever fine rugs and carpets are sold.

See Masland Beautiblend Broadlooms weekly on ABC Television.

C. H. Masland & Sons, Carlisle, Pa.

▼ Each Masland Broadloom bears a Color-Guide Label, showing five color schemes.



Fashioned from a solid block of satiny wood, the new Seth Thomas' "Belwyn" looks beautifully at home on a modern telephone table or antique desk.

Fine hardwood, finished in mahogany, maple, or blond. Pleasant alarm. Electric, 4¾" tall, $8.95*. With luminous dial, $9.95*.

New faces for small spaces

18th century simplicity of form and grace of detail distinguish this little mahogany clock, framed and footed in shining brass.

Aptly named "Poise," even its alarm is mellow. Electric, 5¼" tall, $17.50*.

For free folder illustrating other Seth Thomas Clocks, write Dept. B-A, Thomaston, Conn.

A small *important* clock like "Baxter" is hard to find. In red or black lacquer, or blond or brown mahogany. Brass half frame. Electric, 4¼" tall, $25*.

SETH THOMAS

FINE CLOCKS & WATCHES

"Legacy," Westminster Chime, 14½" tall, $115*.

"Tradition," Striking clock, 20" tall, $95*.

"Northbury," Westminster Chime, 11" tall, $75*.

Reg. U. S. Pat. Off. *Tax extra; prices subject to change.

Happy union of house and site

Begins on preceding page

Knotty-pine walls and textured carpeting in the living area are sensible choices of materials that wear well. Wide grooves in the paneling are a stock cut that is manufactured by many lumber mills

French doors in the parents' bedroom, opening on the terrace, and the kitchen door, opening conveniently on the carport.

The living-dining room has two outside doors, one leading to the porch and the other opening on a covered walkway which extends from the main entrance to the carport. Both doors are placed so family traffic can go between rather than through the living and dining areas.

The 16x12-foot kitchen is an efficiently planned three-in-one room with breakfast and utility areas combined. A kitchen lavatory is conveniently placed near the door that leads to the carport and children's play yard.

The two baths in the bedroom wing give further evidence of good planning. The bath between parents' and children's bedrooms is large enough for two lavatories. When guests stay overnight, the boys share this bath with their parents. The Beesons assign their bath, adjoining the guest room, to the guests. [*Turn to page 49*

One long room combines kitchen, breakfast, and utility space. Breakfast bar has a 6½x2-foot top with a 15-inch overhang for plenty of knee room on this side. Laminated plastic-covered bar separates kitchen from utility area's washing machine and dryer (lower right)

Announcing a new and complete line!

Deepfreeze Home Freezer

LARGER CAPACITY AT LOWER COST

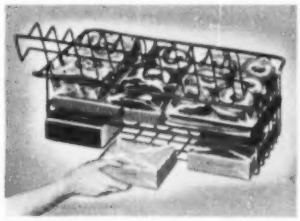
New convenience features you'd expect only from the pioneer and leader in the Home Freezer field!

NEW! THE "MENU-MAKER"

Four one-pint aluminum containers, red, blue, green, and gold, to hold an entire pre-cooked meal or preserve left-overs. Freeze, heat, and serve, all in the same gay, colorful containers. Exclusive with Deepfreeze. *Extra convenience!*

NEW! "SILENT SIGNAL"

White light shows when power is on. Red light flashes warning if inside temperature gets too high for safety. This Deepfreeze feature makes it easier than ever for you to control temperatures correctly for proper preservation of food.



NEW! THE "HANDY BASKET"

Unique, double deck, side-opening basket holds the frozen foods you use most often. Has hinged side for removing foods below without disturbing those above. Only Deepfreeze Home Freezers have it. *More extra convenience!*

SIX MODELS AND FOUR SIZES TO CHOOSE FROM!

7, 13 (illustrated), 17 and 23 cu. ft. sizes are made in deluxe models with the features shown here.
7 and 13 cu. ft. sizes are also made in popularly priced standard models.

HERE are the finest Deepfreeze Home Freezers ever built! They all give greater storage capacity at lower cost. They all have advanced features for thrilling new convenience. And they are all super-powered to quick-freeze foods and preserve them safely for long periods of time.

Deepfreeze offers you a choice of six models in four sizes. Among them is the one that's "just right" for you, whether your family is large or small. Ask your Deepfreeze dealer to show you how it will give your family better eating with far less effort on your part. And how it will pay for itself in cash savings on vitamin-rich frozen fruits, vegetables and prime meats!

Remember, Deepfreeze pioneered the Home Freezer 12 years ago. So Deepfreeze engineers are obviously most experienced in building Home Freezers. For longer, quieter service, and complete satisfaction, get a genuine Deepfreeze Home Freezer!

THERE'S ONLY ONE GENUINE **Deepfreeze Home Freezer**

Trade Mark Reg. U. S. Pat. Off.

© 1951 Deepfreeze Appliance Division, Motor Products Corporation. Specifications subject to change without notice.

FARM AND HOME FREEZERS • REFRIGERATORS • ELECTRIC RANGES • ELECTRIC WATER HEATERS

All products of Deepfreeze, North Chicago, Illinois

It's as easy as pie to own a beautiful, work-saving

American Kitchen

And so inexpensive—only $37 down

EASY as pie—just $12.51 a month—only $369.95* complete! Yes, you *can* afford this complete money-saving "Mrs. America" package kitchen! And you'll be amazed at the low cost of other American Kitchen units, built to fit in any size or shape of room.

You'll find it's a take-it-easy life with your step-saving, time-saving American Kitchen with more work-saving features than any other kitchen in America. You'll learn that you, too, can escape youth-robbing kitchen drudgery—can give yourself up to 2 hours of freedom every day!

This is the "Mrs. America" →

54" De luxe double drainboard sink—non-splash faucet aerator, push-button spray, giant storage space.

Two 21" base cabinets, lifetime vinyl tops. Black, or at a slight extra cost, red-wing red. Two 21" wall cabinets—storage space at your fingertips.

Two what-not shelves for added beauty and convenience.

Ask Western Union Operator No. 25 for the name of your nearest dealer.

American Central Division AVCO Connersville, Indiana

*Prices and terms subject to change without notice. FHA terms in effect at time advertising was prepared.

American KITCHENS "SAVE 1000 STEPS A DAY"

American Central Div., AVCO Mfg. Corp., Connersville, Ind. Dept. BHG-9

Here's 25c—rush me full color catalog showing kitchen layouts and planning book with miniature model kitchen cut-outs.

Name _____

Address _____

City _____ Zone _____ State _____

Easy **TO GET**—The "Mrs. America" comes complete in only 3 crates. Makes buying a whole kitchen as simple as buying a refrigerator.

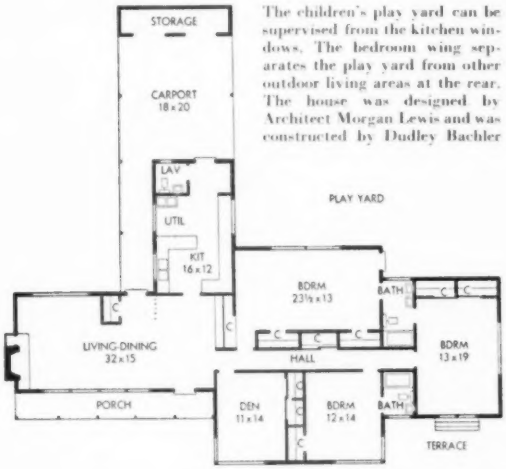
Easy **TO INSTALL**—Requires only an 8 ft. kitchen wall. No muss or fuss. The "Mrs. America" can be installed in a single day.

Easy **TO PAY FOR**—The price of the "Mrs. America" is only $369.95. $37.00 down and $12.51 per month on FHA terms*.

Happy union of house and site

Continued from page 46

Here's a perfect room for a pair of growing boys. The knotty-pine-paneled walls, linoleum floor are as boy-proof and easy to clean as any materials you'll find. Wall above table serves as a pin-up board



The children's play yard can be supervised from the kitchen windows. The bedroom wing separates the play yard from other outdoor living areas at the rear. The house was designed by Architect Morgan Lewis and was constructed by Dudley Bachler

Photographs: Branham

Extension of kitchen and carport wing's roof protects entrance and forms a covered walk between carport and front door. Massive chimney of old brick adds an accent of color to the all-green theme

with Cinco-Thermoseal WINDOMATIC

COMBINATION SCREEN & STORM SASH

They go on over your present windows without alteration to them—and ever afterward you enjoy year 'round, draft-free, filtered-screen ventilation. Patented Thermolok® Closure Frame permanently weatherproofs window openings, adjusts to expansion, contraction, settlement. "Trigger-Touch" operation is effortless. Enjoy all the comforts of Windomatic while they pay for themselves through fuel savings alone!

Windomatic Combination Windows are sold only by authorized Cinco and Thermoseal dealers. Call your local dealer now . . . or mail coupon for free literature.

Cinco-Thermoseal WINDOMATIC

ALUMINUM

COMBINATION SCREEN & STORM SASH

Need more Room?

Let Windomatic Porch Enclosures make a permanent extra room of your present porch—at less cost than you ever dreamed.

THE CINCINNATI FLY SCREEN DIVISION
of The F. C. Russell Company
Department 3-891, Cleveland 1, Ohio
World's Largest Manufacturer of combination windows

Gentlemen: Please send me illustrated literature on Cinco-Thermoseal "Windomatic" Windows and name of nearest distributor.

Name .....

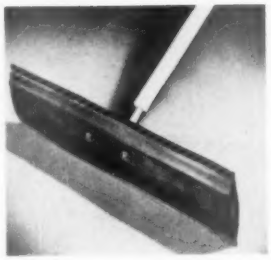
Address .....

City ..... Zone ..... State .....

I own my home ☐ I plan to build ☐

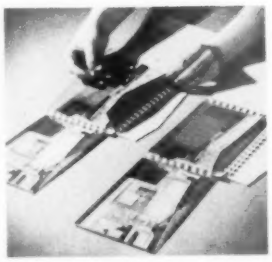
It's NEWS to me!

Line prop has telescoping action that makes it a simple job to adjust the height of your clothesline. Spiral tubing locks the prop at any point when you press the spade-shaped end into the ground. Double-loop wire clip fits over clothesline, keeps prop from sliding. *Adjustable Clothes Prop*, $3.95, pair, in stores. W. F. Meyer & Sons, Inc., 1494 Merchandise Mart, Chicago 54, Ill.



Rubber blade applies paint in 20″ swaths to concrete floors, making the job easier and faster. Spreads paint in smooth, thin layer on rough floors, filling cracks, and getting paint up to wall edges without smearing. Double-edged, 20″ rubber spreader is mounted on a 54″ handle and is operated in push-broom fashion. Can also be used to wash floors and to acid-etch concrete for painting. *Mico Painting Tool*, $3.95, ppd. Mico Products Co., 170 Gorham Ave., Hamden 14, Conn.

Cloth of steel is made into a mesh bowl with steel rod frame, handles, and legs in striking mat black finish. Chair-side catchall holds magazines, fruit arrangements, snacks. Spot-welded, all metal, rustproof *Catchall*, bowl available in two sizes, 22″ diameter, 16″ high, $22; 36″ diameter, 18″ high, $32, in stores, or ppd. from manufacturer. Designed for Moderns, 130 West 23rd St., New York 11, N.Y.



Interior planner for working out your own decorative color schemes is a three-way book with one group of transparent sheets outlining rooms, a second group of 25 pages giving wall colors, a third group of 12 wedge-shaped floor colors. Juggle them around, and you can try out all sorts of combinations. *Color Selector*, $2.35, ppd. X-Ray Visual Sales Method, Inc., 35 E. Wacker Drive, Chicago 1, Ill.

Rust preventive can be sprayed or brushed on new or rusted metal. It is a cold galvanization process, and coating combines with basic metal to prevent rust. Eliminates rust creep. No previous treatment of iron or steel needed. Gives a dull, battleship gray finish. *Zinkrich Compound*, of single-coat brushing consistency, or may be used as a prime coat for decorative paints. Preserves leaders, gutters, pipes, iron fences, casement windows, $3.40 for $\frac{1}{2}$ pint which covers about 39 sq. ft. Available from manufacturer. Chase Chemical Corp., 40 West 29th St., New York 1, N.Y.

More news on page 53

Pennsylvania water bench
— so versatile!
$66.00

Spool bed, twin or double size.
$99.50

End table —
room on top
and under.
$47.50

Schoolmaster's desk.
$179.50

Chair for repose —
foam cushions.
$125.00

Chest on chest.
$167.50

Nightfall in Lancaster County

...MELLOWED BY THE SOFT GLOW OF SOLID MAPLE FURNITURE

It started 150 years ago. But it will live for the centuries to come.

This is Willett furniture based on the simple lines of the old Pennsylvania Dutch pieces of Lancaster County. Born into it is the charm of the years, the longevity of solid construction, the mellowness that only hand rubbing on good wood can bring. Truly collectors' pieces that pay you back for your own thoughtfulness in choosing them. Budget priced. All the furniture pieces in the photograph (including the beautiful upholstered chair) can be yours for approximately $562*. Also available in OPEN STOCK.

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New! KRAFT *De Luxe* SLICES

Women everywhere are cheering these handy slices made and packaged a wholly new way

4 REASONS WHY THEY'RE THE FINEST SLICES YOU'VE EVER HAD!

1 *BETTER FLAVOR! PERFECT SLICES!*

By a marvelous new Kraft-patented method the fine process cheese is formed into slices as it comes from the pasteurizers—with extra-good flavor sealed in every one. Every slice is *perfect*. (No slivers or "curling" dried edges.)

2 *KRAFT-PROTECTED!*

Immediately after pasteurization, 8 big, perfect slices are sealed in a neat ½-lb. package by Kraft—protected until *you* slit the wrapper in your own kitchen. Discover these *fine* slices and you'll never be without them!

3 *HANDIER!*

These slices separate so easily it's "almost like peeling a banana." And they keep beautifully—are always ready at a moment's notice for snacks, and cheese trays, and husky lunchtime sandwiches—either cold or toasted.

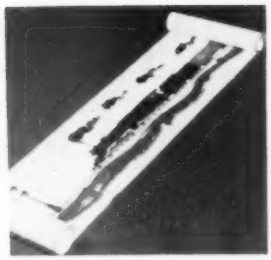
4 *FIVE DELICIOUS VARIETIES!*

Besides the extra-mellow Kraft Pasteurized Process American there's *Pimento, Swiss, Brick* and sharp *Old English Brand*. The neat packages are such space-savers, stack so easily, you'll keep several kinds on hand.

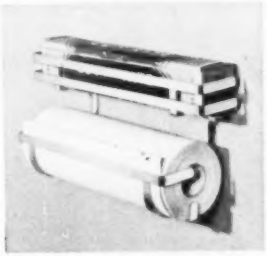
THE WORLD'S FAVORITE CHEESES ARE MADE OR IMPORTED BY KRAFT

It's NEWS to me!

Begins on page 30



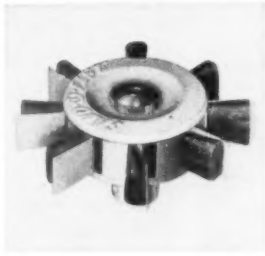
Long, long wallpaper is a freight train that runs around your wall at eye level. It's 15' long in six sections you can put up so that they jump doors and windows. The train is a steam locomotive with 10 different freight cars. Background includes towers, a handcar, station, and railroadmen at work, and there's one blank section of track where you can draw your own addition to the train. Silk-screened in six brilliant colors. *L-O-N-G Train Wallpaper*, $15, in stores. Renverne Corp., 515 Madison Ave., New York 22, N.Y.



Dispenser at your finger tips for both paper towels and waxed paper saves many steps in the kitchen. Chrome-plated rack holds waxed paper in top compartment, towels below. *Kitch'n Handy Paperbox*, $2.20, in stores. Washington Steel Products, Inc., 1940 East 11th St., Tacoma 2, Wash.

Shoe bag makes it easier traveling with extra shoes, providing special compartments for two pairs of men's shoes or four pairs of women's shoes. One side of carrier is for shoes, other side for flat-pack accessories. Wedge-shaped case with full zipper for both compartments. *Shoe Travel Bag*, plastic at $3.98 and $5.98; gabardine, $5.98; taffeta, $8.98, in stores. Simpak Luggage Co., 242 West 36th St., New York 18, N.Y.

Bay-window bib catches flying food at Baby's dinnertime. Wiring holds pouch out in half-moon position. Gives Baby more leeway when he's learning to feed himself. Saves mopping-up operations. *Kangaroo Pouch Bib*, 79c to $1.39, in stores. Bartonel Co., 716 Columbus Ave., Boston 20, Mass.



Sander for finishing curved and contoured surfaces is portable, goes on your hand drill. Brush-backed abrasive cloth delivers 14,000 sanding strokes per minute, the eight abrasive strips conforming to contour of work with a "paintbrush" action, as the wheel rotates. When abrasive wears, it is cut off and new abrasive fed out from central magazine. Switch to any grit from very coarse to satin fine for obtaining a variety of finishes. *Sand-O-Flex*, $11.95, in stores. Merit Products, Inc., 4023 Irving Place, Culver City, Calif.

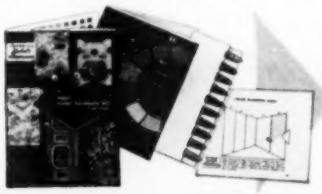
Photo murals turn a dull expanse of wall into an unusual center of interest. Murals are available in varying sizes to conform to your problem wall areas, or can be trimmed to fit unusual shapes. Have a mural made from your own favorite scenic negative. Or select from 90 views of mountains, waterfalls, skylines, or landscapes taken by professional photographers. Cost depends on size, finish, and mounting. *Photo Mural*, 40"x50", mounted and lacquered, $22, plus shipping. RCS Studios, 123 N. Wacker Drive, Chicago 6, Ill.

More news on page 55

You can do so much more for your home with wallpaper!

More style . . . more beauty . . . more years of service . . . in every price range —that's the wonderful assurance of Imperial *Washable* Wallpapers. Well within the reach of every budget is the special loveliness, the grace, the individuality that wallpaper can bring to a home. Imperial offers hundreds of fashion-correct patterns and colors. And every one is "Color-Locked," guaranteed for 3 years against fading and to clean satisfactorily when instructions are followed, or it will be replaced without charge. This means economy . . . saves frequent redecorating. Insist on the Imperial Silver Label when you buy!

HOW TO *plan your colors for beautifully coordinated rooms, how to relate furnishings and wallpaper . . . told in Imperial's new "Color Harmony Kit" by Jean McLain. Contains color wheels, room ideas, and crayons in 10 basic colors to help you sketch your own schemes on planning sheets. Just 25¢. Send for it now!*



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Gentlemen: I am enclosing 25¢ for my copy of your "Color Harmony Kit."

*Name*_____

*Address*_____

*City*_____ *State*_____

See the refrigerator that was made for once-a-week shopping!

Frigidaire's constant SAFE COLD lets you decide how often to market

Now you're free to stock a whole week's supply of meats and frozen foods safely in the *near-zero freezing cold* of Frigidaire's big Super-Freezer. It holds up to 19 pounds of food and there's still room for loads of big, crystal-hard ice cubes!

Tuck a week's supply of vegetables into Frigidaire's bin-size Hydrators and see how that *moist-cold* keeps them wonderfully crisp and garden-fresh. And Frigidaire, with *safe* cold clear to the bottom, keeps them that way until your next trip to market.

Here's head room for plenty of tall bottles, a basket drawer for eggs and dairy products. And adjustable shelves that practically stretch to welcome a week's supply of food—kept *safe* for days on end with constant, *chilling cold*.

You're the boss with the new Frigidaire! Now, with Frigidaire's constant SAFE Cold you can do your heavy shopping when stores aren't crowded.

Once a week's plenty, in most families, because this new Frigidaire holds more food than old models, without taking any more kitchen space—thanks to the skillful arrangement of working parts.

And—even *more* important—it gives you the different *kinds* of cold you need to keep *all* foods safe. *Safe* cold—top to bottom. You get this *safer* cold from Frigidaire's famous Meter-Miser—the simplest cold-making mechanism ever built. And only Frigidaire has it!

Other Frigidaire advantages include Quickube Ice Trays that pop out ice cubes without tugging or melting. Lifetime Porcelain that won't discolor, rustproof aluminum shelves, and hosts of other features that have caused more women to choose Frigidaire than any other refrigerator.

So see this new Frigidaire at your Frigidaire Dealer's *now*. Look for his name in the Yellow Pages of your phone book. Or write Frigidaire Division, General Motors Corporation, Dayton 1, Ohio. In Canada, Leaside 12, Ont.

Frigidaire reserves the right to change specifications, or discontinue models, without notice.

Model DO-107

Serves in more American homes than any other make . . .

Frigidaire

America's No. 1 Refrigerator

It's NEWS to me!

Continued from page 53

Recorded sounds get baby off to the right start when he begins to talk. Speech-training sounds, with music, stimulate Baby to make lip sounds, mid-tongue and tip-tongue sounds, and distinct vowels. Planned by scientifically qualified speech expert. Also available: speech-training records for older children. *Baby Babble Record*, $1.75, ppd. Pacific Record Co., Dept. A, 125 North Grand Oaks, Pasadena 8, Calif.

Warmer heats Baby's bottle to the correct temperature automatically. Two adjustments are made in control tube on warmer dome to allow for (1) amount of milk to be heated and (2) its temperature at the start. Warmer shuts itself off when milk is the right temperature. *Sunbeam Baby Bottle Warmer*, $12.75, in stores. Sunbeam Corp., 5600 Roosevelt Road, Chicago 50, Ill.

Pottery serving bowl is cast with double walls for insulation to keep hot foods hot and chilled foods cold. Moss green, glazed ceramic serving bowl will go with either pottery or china dishes. Use it to serve stew, soup, spaghetti, creamed foods; keeps them hot for hours. *Thermocel Serving Bowl*, $10, in stores. Cemar Clay Products, 3024 Rosslyn St., Los Angeles 65, Calif.

Cutoff valve goes on the end of your garden hose, or between the end of the hose and the sprinkler, makes it possible for you to shut the water off there without a trip back to the faucet. Rustproof and leakproof, fits standard garden hose and equipment. *Hose Cutoff Valve*, $1, ppd. Drumcliff Co., Dept. B., Towson 4, Md.

False bottom for tippable glasses, dishes, cups, keeps your child's food always upright. Suction cup on lightweight plastic base grips bottom of glass. Three rubber feet on bottom of disc prevent skidding. *Grip-Ette*, 59c, in stores. Givens & Co., One-Two-Three Lullabye Lane, Clarendon Hills, Ill.

Doghouse, shaped like a Quonset hut for easier carrying, converts into a grooming table when you remove the extra, false bottom and latch it in place on top of house (as illustrated). Lightweight, tough, tempered hardboard case can be used as indoor doghouse when training pup, as outdoor doghouse, carrying case, shipping crate. False bottom also provides a $2\frac{1}{2}$"-deep storage compartment for grooming supplies, food. Hardboard provides insulation against heat and cold, can be sterilized and washed with hot water. Case has cross ventilation; all-steel, chewproof door. Available in varying sizes for dogs from chihuahuas to German shepherds. *Kiconset Kase*, size illustrated, 14"x14"x20", $18. *False-bottom grooming tray*, $5.50, shipping continental U.S.A. prepaid by manufacturer. Kathroy Krafts, 17250 Sherman Way, Van Nuys, Calif.

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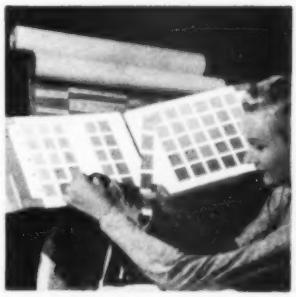

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No cluttered living here. This 100-year-old house has been brought back to life and offers plenty of space, both inside and out

Don't overlook those large, old homes if you want

Lots of living space

By Helen Ares and Ben E. Graves

Homes acquire charm with years; if well built, they're worth remodeling

A large family just doesn't fit into a bungalow. It takes a lot of space, inside and out, to make for comfortable, uncluttered living. But to build a home with all this space is often next to impossible with today's construction costs.

So, if it's space you want, don't overlook those large, old homes, like the one pictured here and on the following pages. Such big places seem to acquire more charm as the years go by. The uncluttered living they offer your family is tempting. Many of them, of course, are in a run-down condition, especially on the inside, and it may seem almost impossible for you to convert them to homes with today's living standards. Yet it can be done, and here's a home that proves it.

When Dr. and Mrs. William Bettison went house-hunting, they *had* to overlook the smaller homes. Like many of us, they needed more room. Mrs. Bettison had long had a hobby of home decorating and thought it could possibly be both fun and profitable to make a part-time business venture of [*Turn to next page*

Lots of living space *continued*

The wise use of soft green for the woodwork and walls helps to unify the odd-shaped living room. You don't notice the overabundance of large doors and the stairway cutting up the room. You can get a glimpse of the cheery back parlor through the door at the right

her hobby. She wanted her part-time career to be carried on at home, so her family could still come first.

The family, including son Bill and daughter Judy, agreed they would like a near-to-town country place. They enjoy gardening and the "lots of free air" living that goes with such a location.

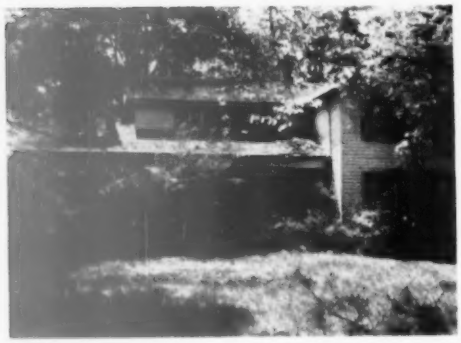
Finally they found this 100-year-old house in Lamont, Michigan, near Eastmanville. Some of their friends were a little dubious about the work involved to make it a truly livable home. The Bettisons assured them they had faith in the house and were positive they could make it a home of which they could be proud. These pictures from their home prove the point.

When the Bettisons first saw the house, it was almost hidden from view by years of undergrowth. But after they had pushed back through the "jungle" and with an imagina- [*Turn to page 60*

Who could resist this view?

Pleasant views like this are one of the big selling points of old homes. If you're lucky enough to have such a view, make the most of it. French doors off the living room, open or closed, offer this pleasant vista over the porch and down to the river. Narrow porch is extended by a brick terrace, making the two seem like one unit. The roof over the porch comes in handy when it rains—just pull the furniture under it to protect from the weather.

Photographs: Rooks



BEFORE. This view of the front of house is typical of the run-down way it would have looked had you seen it before the Bettisons began their rejuvenation. It was far from inspiring

AFTER Few architectural changes—just white paint for siding and deep, almost black green for shutters—plus cleaning out tangled growth—made all this difference. It now has hospitable, country air it must have had when built a century ago

Lots of living space *continued*

A small terrace area is in the space just outside the back door—making cool outdoor suppers and lunches an enjoyable, everyday occurrence. Old bricks laid in sand form a pleasant floor for this cozy and convenient summertime retreat

tive eye taken a closer look at the place, they decided they had discovered a potential gold mine of good, down-to-earth family living.

They knew it would take a lot of work, but the Bettison family pooled their ideas and man power on the interior work (paint and yardwork took care of the outside). They'll tell you their pride in their home is doubled because they all helped get it into shape.

Maybe you are already living in one of these spacious old homes. There are probably many, many suggestions in what the Bettisons have done to help you get more enjoyment from it. Even if you live in a small, two-bedroom house on a block where all the dwellings look alike, there are ideas in the Bettison story.

Remember, though, you'll want to make sure the construction is basically sound in the older home you consider. After you have determined that, get the family together and make the "fixing up" a family affair as the Bettisons did. The dividends in enjoyable, spacious living you'll get are well worth the time and effort.

Dining room, at other end of living room, is framed in an arch of books. Same green carpeting used in back parlor and living room is continued into dining area. Patterned paper contrasts with plain walls of adjoining room

Your bedroom may be tiny, but you can still use dark wallpaper. It makes a dramatic setting for the light accessories. Wide mats of prints above the bed keep them from getting lost in the wallpaper background. Notice convenient hanging bookshelf over head of bed

It's Early American, bright and cheerful. Just the kind of room daughter Judy wanted. It makes a big hit with her college friends who come for weekend visits. A pine copy of an Early American apothecary chest is a fine catchall for lingerie, hosiery, belts, and the like

Fireplace in the bedroom is one of the luxuries you can have from an old house. Rag carpeting is colorful wall-to-wall floor covering. That's an authentic Williamsburg printed fabric on the big easy chair. It's picked up again on the canopy ruffle

For how another family gave new life to an old home, see page 222.

You plant these bulbs early

By Fleeta Brownell Woodroffe

Mid-September, or soon after, is the time to get these particular bulbs into the soil. You'll be giving them time to make good roots before the really cold weather comes along. You'll be repaid with more even growth as well as a much more exciting show of flowers next spring.

Crown Imperials are the most dramatic of all early spring flowers that rise from fall-planted bulbs. Allow for 30-inch height at peak of bloom. Insure good drainage. Slim birches make good background

All the big narcissus or daffodil family look well planted in clumps and backed by flowering shrubs such as spireas and flame-red azaleas. Surround with forget-me-nots, moss phlox, or yellow and blue pansies

Siberian Scillas or squills are blue at the first peep of spring, brilliantly blue when set below forsythia bush loaded with golden bells

Drawings: Jessie Ayers

Hyacinths come in rose-red, white, yellow, deep and pale blue-violet. Give sun, a spot sheltered from winds, good surface drainage, greens for background

Crocus with their bubble-like flowers look best near rocks or trees. To get informal groups, roll handful of bulbs, plant each where it stops

Lily bulbs should be kept out of soil only a short time. Plant in sun with shallow-rooted phlox or petunias to shade soil over roots

For special planting tips, see page 283

Better Homes & Gardens Five Star Home No. 2109 is

Not too large; not too extreme

By John Normile, A.I.A.

Over-all dimensions: 57x61. Architect: George C. Anderson, Los Angeles. Owner-builder: Paul Levine, Pacific Palisades, California

Many of you would rather not build an "ultramodern" home. But you don't particularly want a Colonial or Cape Cod house, either. You want a house that looks modest in size on the cost estimate sheet, but that looks comfortably large on your lot. It should yield more than just-adequate space within the limits of the building budget. And, more often than not these days, you want that space enclosed in a one-story house.

Study the floor plan and pictures of *Better Homes & Gardens* Five Star Home No. 2109, and you'll see how closely it fits these specifications. The over-all impression is one of good contemporary design that provides a congenial background for either Traditional or Modern furnishings. The simple lines of the interior and exterior are as up to date as the tick of your watch. So are the slab doors and the absence of dust-catching moldings.

But there is no hint of the flat-roofed, corner-windowed "Modern" to which many of you still object. The low-pitched hip roof, gray clapboard siding, and white trim of this home would make it welcome in any city or suburban neighborhood, no matter how Traditional or Modern the homes next door.

Living, sleeping, and work areas are well separated, yet, considering the generous dimensions of all major rooms, the plan is compact. You could fit it on a 70-foot lot.

The plan also meets the demand for more than just-adequate living space. Besides the 17x22-foot living room and the almost-as-large rear terrace, both bedrooms are big enough to serve as extra sitting rooms. The separate dining room could also double as study or as a family room.

As for storage space, it runs through the entire house, is skillfully engineered to eliminate any need for a basement. Heating plant and water heater share a closet off the front entry hall. Garden equipment is stored in a roomy closet just inside the garage door. Access to attic storage space is through a scuttle in the pantry ceiling.

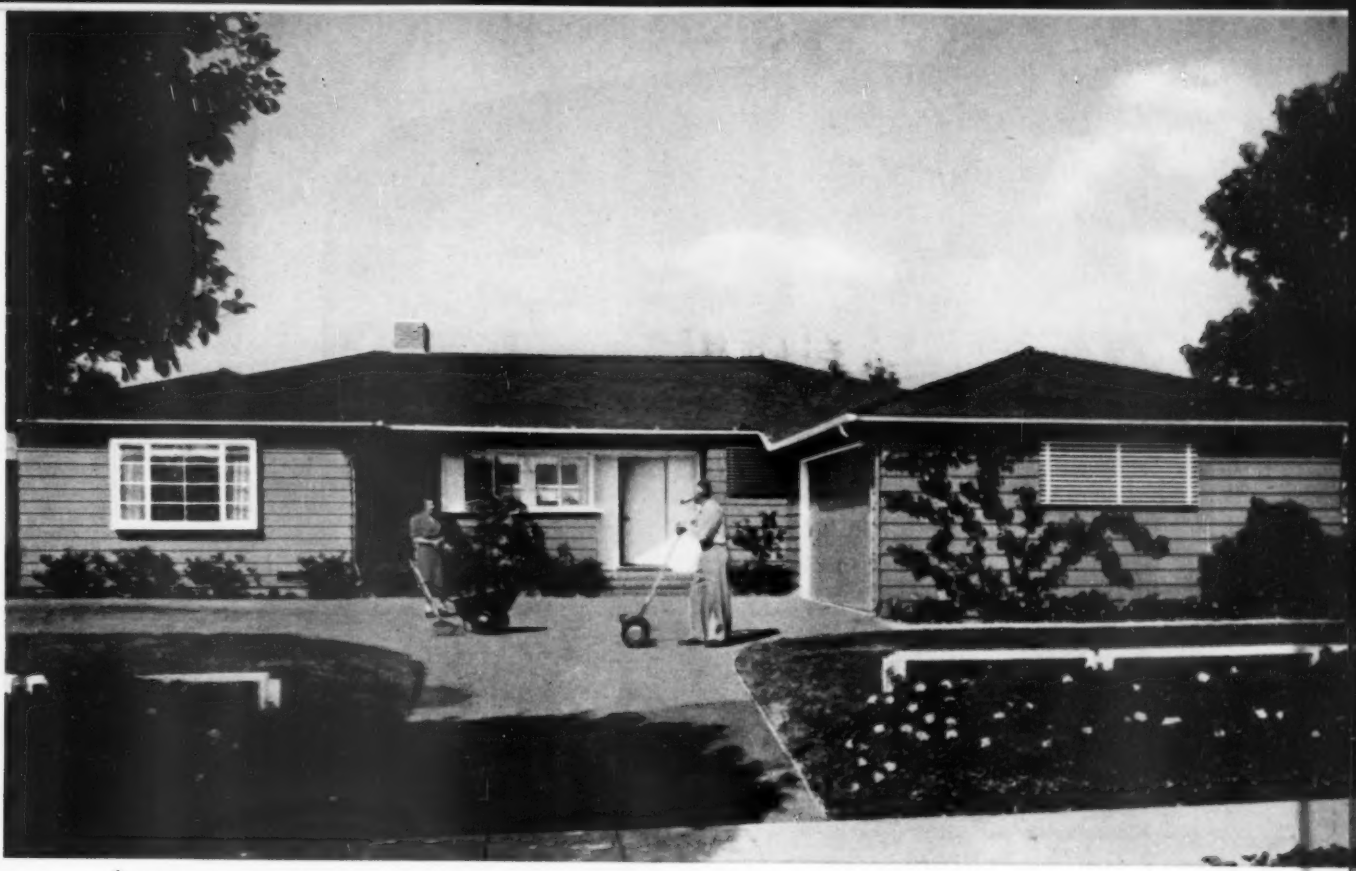
Everything's like that in this month's Five Star—lots of living and storage space, and twe [*Turn to page 178*

Photographs: de Gennaro

Low storage partition divides living room from hall and lets light stream in from hall windows. Fireplace wall is paneled with sheets of pine plywood to set off the Roman brick fireplace

YOU CAN BUY PLANS FOR THIS OR ANY *BETTER HOMES & GARDENS* FIVE STAR HOME

For more pictures and how to get plans, see page 178



↑ Interior drive court places garage door off street front, lets you drive right up to front door and park on paved turn-around space

Rear terrace provides sheltered area for outdoor living. Doors open from living room, owners' bedroom. Dining-room windows are at left ↓

Where do they get all that steam to sock the ball and slide into home base, last out a grueling race, soar through a perfect dive? Athletes make sure they eat the foods that give them vitality. That's . . .

HOW TO

Photographs: Jack Frank, Acme, Metro-Goldwyn-Mayer

Protein foods for tiptop health

1 *Meat, poultry, fish, eggs, milk, cheese*
2 *Beans, peas, and other legumes*
3 *Cereals*
4 *Vegetables and fruits*

Main family meals are usually built around proteins. It's the others—breakfasts, lunches, snacks—that are likely to break the important rule of *at least one biologically complete protein every meal.* An automatic safeguard is to include some first-class protein (that's Group 1 above) every time you eat anything.

FEEL UP AND AT 'EM!

By Donald G. Cooley

I suppose that something you eat could keep you beautiful and bursting with vitality. Suppose it gave you immunity to many diseases, kept you red-blooded, added years to your life and vigor to old age. Suppose it made pregnancy safer, gave your babies a better start in life, banished that tired feeling, and kept your sex appeal at par or above. Just to make it more preposterous, suppose you could change this fabulous stuff into vitamins and hormones and glowing skin and shining hair.

Sounds like a fraud or a fairy tale! But there *is* a food element that goes a long way toward making these fantastic promises come true. Its complex chemical soul holds the secret of life itself. All living organisms, including you, are mostly composed of it. Because its secrets have been hard to solve, it has stayed in the background all these years while those glamour girls of nutrition, vitamins and minerals, have taken the spotlight and most of the applause away from it.

You'll feel let down when you know that we're talking about *protein*. Why the excitement about an everyday foodstuff you've been eating all your life? Reason enough when you know the electrifying difference it can make to family health!

An anemic, tired person who's below par, a picky eater and a pushover for every little infection that comes along, hardly ever blames mild protein starvation for vanished zest and happiness. There are so many causes of vague ill health that it's a doctor's business to put a finger on them. But protein deficiencies are that treacherous. Healthy young men kept on a diet lacking nothing but protein didn't collapse dramatically. They showed a disturbing symptom: complete loss of interest in the opposite sex! Laboratory animals, deprived of protein, don't die suddenly. They develop abnormal blood vessels in the eyes, become blinded by cataracts, eventually show evidences of disease and early old age. They develop nervous jitters and muscle weakness, abandon mating activity, cease to produce sperm cells, so they are forever bereft of the joys of fatherhood.

How is it with people? Some British doctors blame the high influenza death toll on lowered resistance following years of diets very low in protein. Low in meat—only a few cents' worth a week. "It's lack of good nourishing food over a long period of years," one says grimly. "The older people seem to get tired and turn their faces to the wall." Dr. W. R. Thrower of London blames the low productiveness of British workers on protein deficiencies. "Anyone who has observed men doing continuous work recognizes that in recent years, despite a will to work, *staying power* has decreased," he comments. "Insidious fatigue creeps on in evening and brings activities to a close, whereas in the past workers would willingly put in overtime."

Today we know that it makes a whale of a difference, not only *what* proteins you eat, but *when* you eat them and *how* you mix them. You can apply this knowledge in your own kitchen, in restaurants, in putting up lunches, to add more punch to the diet whenever you open your mouth to put something to eat into it. Many protein mysteries are still unsolved, but researchers have learned enough to lay down a new golden rule for good eating: *Be sure the family gets some first-class protein at every meal.*

Why you need protein:

Your body proteins are torn down and rebuilt at an unbelievable rate. And proteins that add up to you, at this moment, aren't the same ones that were you when you picked up this magazine. Ten years ago, Dr. R. Schoenheimer of Harvard demolished the old idea of stable body proteins. He fed radioactive tracer substances to animals and proved beyond doubt that proteins of living tissue are constantly exchanged in a dizzy traffic rush that never ceases for an instant while life remains.

Twice a year you trade in your body for a new one—in the sense that body proteins turn over completely in 160 days. For some [*Turn to page 192*

Inexperienced as we were,

We built our home

EDITOR'S NOTE: **Here's a moneysaving story—just as it was written to us in letters from a young couple who dared to do their own building. You'll like them and like what they learned**

August 30, 1948

GENTLEMEN:

We're building our own house in Tyrol Hills, a suburb of Minneapolis. No contractors or carpenters are involved, and it's not a compromise crackerbox but the house we really want to live in.

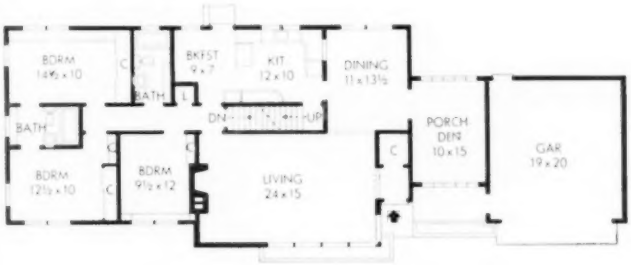
Millard and I are 27, and the only thing we'd ever built before was a bookcase. But we can read library books, and after six years of apartment living, we were ready to try anything. Our house is now ready for plastering, but it will probably be six or eight months before the inside detail work and landscaping are completed.

We started with a $\frac{1}{8}$-inch scale model, built from plans Millard drew (with the kibitzing of a half-dozen architect friends). We changed the roof on the model at least three times before we hit proportions that seemed right for the house, and we've never been sorry. Quite a few strangers have stopped to ask about the overhang and pitch measurements.

Millard has done all the work, with the exception of cement and plaster work, and I have been chief painter, adviser, and holder. The framework was started last October, but almost nothing was accomplished until this spring. We estimate that

Our porch-den was the last room finished. Millard hung the folding door, and is putting up squares of combed plywood. As you can see by the dates of the letters here, we didn't build the house in a day

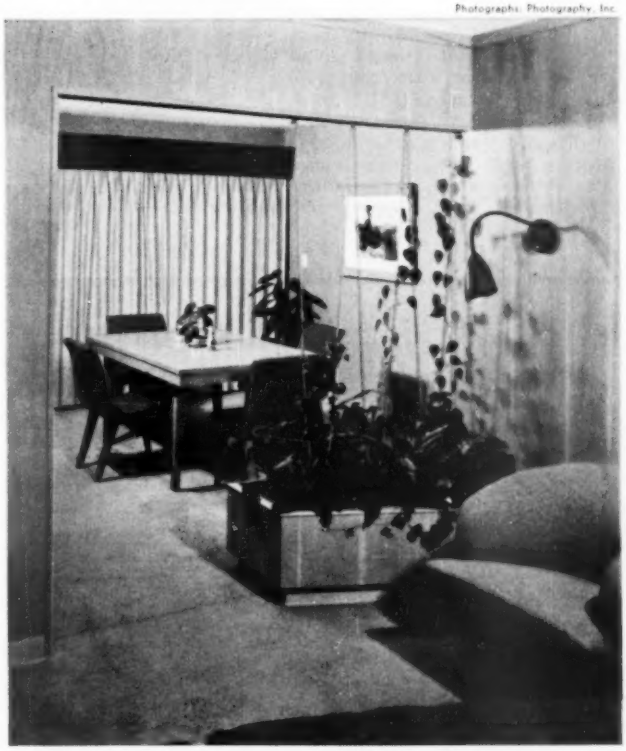
We used radiant heating in our ceilings everywhere except on the porch, where copper tubing is imbedded in the floors. We also used a lot of glass—for insulation, splash panels around the shower, fireplace screen, one-way glass in the front door



Our house is a seven-room rambler, approximately 85x 30 feet, including the garage

Photographs: Photography, Inc.

There are five panes of double glass across 20 feet of the living room. A plant box runs below, where evergreens grow. (Flowers are too temporary, except for fill-in, with Minnesota winters)



We had no qualms about tackling any phase of building. We designed and Millard built the plant box between our living room and the dining room. By the way, we have no ceiling light fixtures; most lights are flush or hidden behind valance boards

it will take about 15 work-months to complete everything, and all of this has been and will be done in spare time. My husband's business may have suffered slightly because of carpentry interests, but we won't be paying for our home for the rest of our lives, either. We believe we have saved at least half the cost of a house like ours, and even now, in the midst of the hard work and sacrifice of social activities, we know that this home means more to us than a ready-made or even a made-to-order one could possibly mean.

Sincerely yours,
Dorothy McGinnis

P.S. I hope to take advantage of September's spray-paint article.

January 13, 1949

DEAR MR. REED,

Here is the floor plan you requested last September. The drawing paper is a little dirty and worn out, but good eyesight and a lot of imagination will give you a fair idea of what our new home is like.

We are living in it now, although most of the cabinetwork and all of the decorating is yet to be done. Our enthusiasm hasn't [*Turn to page 189*

More room on your ground floor?

If you're crowded, maybe there's more space for year-round living in your garage, porch, or breezeway. It can be easy on the budget, too

By Bob Jones

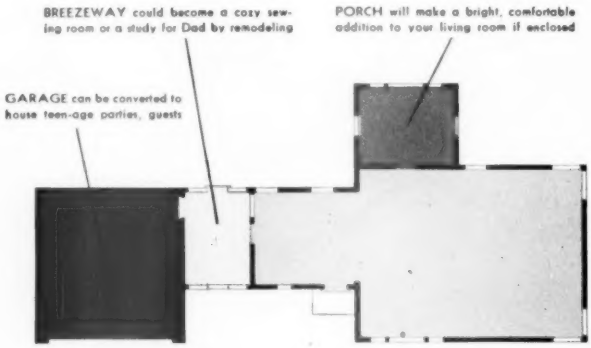
Sure, your car needs shelter—but so do you. Would an inexpensive carport do the job, giving you the garage for full-time living?

A screened porch or breezeway is nice—on a few hot summer nights. Wouldn't you like to have that space for use the year round?

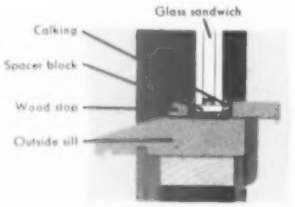
In view of crowded living conditions and high building costs, it is high time to re-evaluate the use of floor space in the average small home. Too often families are putting up with crowded inconvenience when, on a relatively small remodeling budget, they could expand into areas now being put to limited use.

Last month, *Better Homes & Gardens* showed you how to finish and decorate attic space. Here are tips that will help you get 24-hour-a-day use from your garage, breezeway, or porch, simply by converting it for family living.

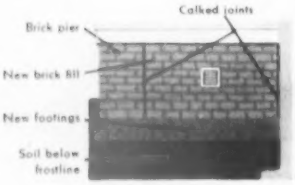
Next month, see how to finish your basement



Colored areas on plan show the large amount of roofed-over, walled-in space that often doesn't really earn its keep. If you need more space for day-to-day living, consider expanding first into the areas you can convert at low cost. Don't let semi-idle areas rob you of comfort or convenience

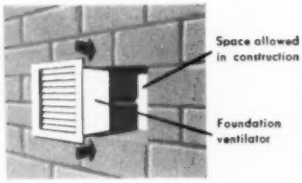


Fixed window, insulating glass

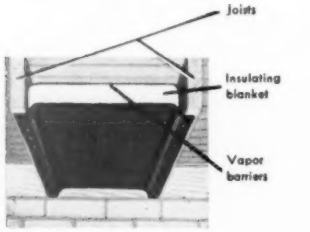


Space below porch enclosed

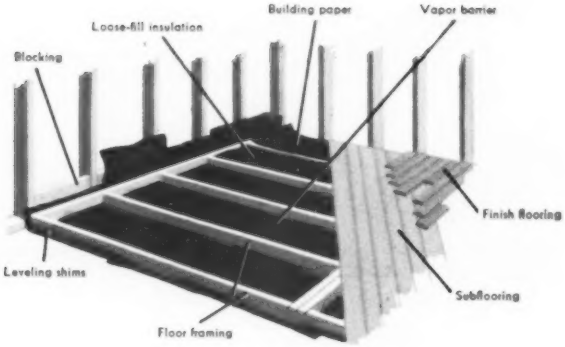
Porch sketched has been enclosed for use in winter as well as summer. It has outswinging casements for good ventilation, a big fixed window with insulating glass for light and view. If your porch rests only on corner supports, complete the enclosure, adding ventilators. Insulate floor over unexcavated crawl space to get cold-weather comfort



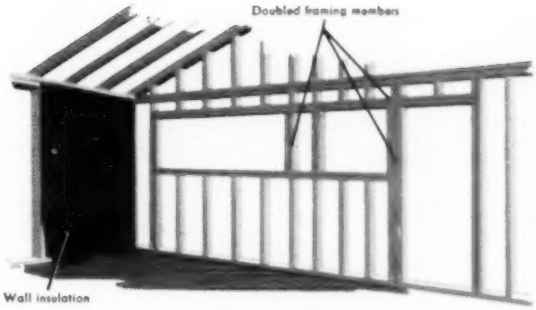
Air flow controls humidity



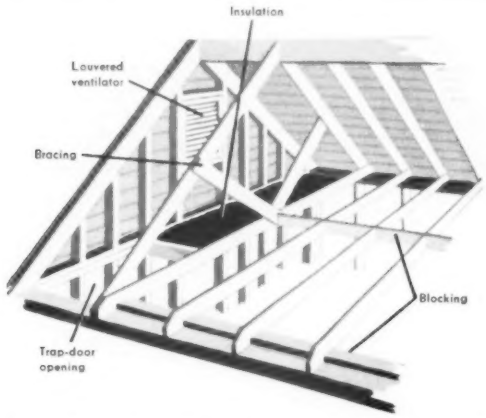
Insulation over crawl space



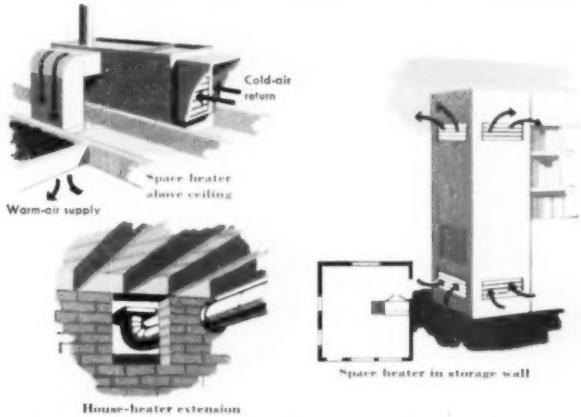
To install a comfortable floor over an uninsulated concrete slab, as in a garage or breezeway, build sectional framework outside. Move into place over moistureproof barrier and nail to floor plate. Level with shims if concrete slopes. Insulate; then lay wood floor



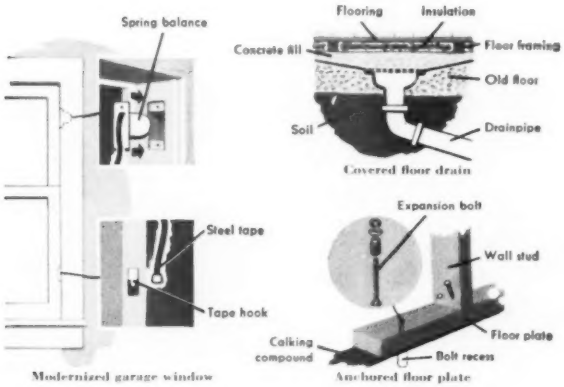
It's difficult to make a standard garage door weatherproof for year-round living. Your best bet is to remove it, filling space with a new wall. Build wall on a plate anchored to concrete floor; calk well to stop drafts. Insulate side walls with vapor barrier on inside



To install a finished ceiling, you may have to add tie beams and bracing. Then nail on a thin panel board. Leave an access door, and you can pour in loose-fill insulation above ceiling. Louvered vent above ceiling adds summer comfort, winter moisture control

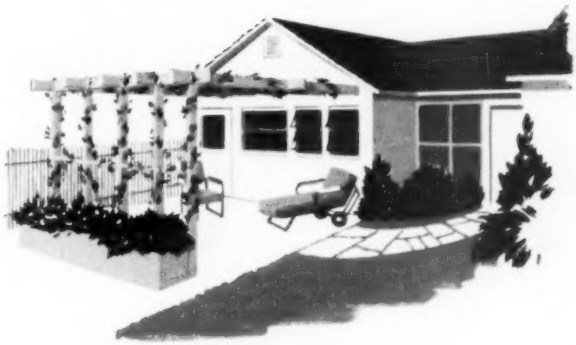


You may need supplemental heat in your remodeled garage, breezeway, or porch. Often an extension from the house heating plant is the best answer (lower left). Or perhaps you can install a small attic heating plant (top). Or you can put a heater right in the room (lower right)



If you have windows without weights, install spring balances and weatherstripping. Should there be a floor drain, seal it off, or you'll have to keep replacing water seal to keep out sewer odor. An expansion bolt for fastening plate to concrete is also shown

Garage remodelings, pages 176 and 200



What can you do about the driveway? Tearing it out and resodding is costly; why not use it as a terrace? Plant box and and vine-covered sunshade will give privacy. Use the rest of drive for off-street parking

Decorating ideas, next page

This built-in makes a fine eating spot on a converted porch. If your porch faces south, use a muted color scheme for background, with dash of bright color in furnishings. The floor is washable for easy upkeep

This was once an open porch. Now it's used the year round. Low storage wall insures privacy. And in the summer, just drop windows out of sight and get the effect and cool comfort of a true open porch

Window fills in former arched breezeway opening. Shades are filled to pull up from below, giving privacy while still permitting light to enter. The small space an enclosed breezeway can give you is fine for a light and cheerful sewing room

Let's decorate your new-found rooms

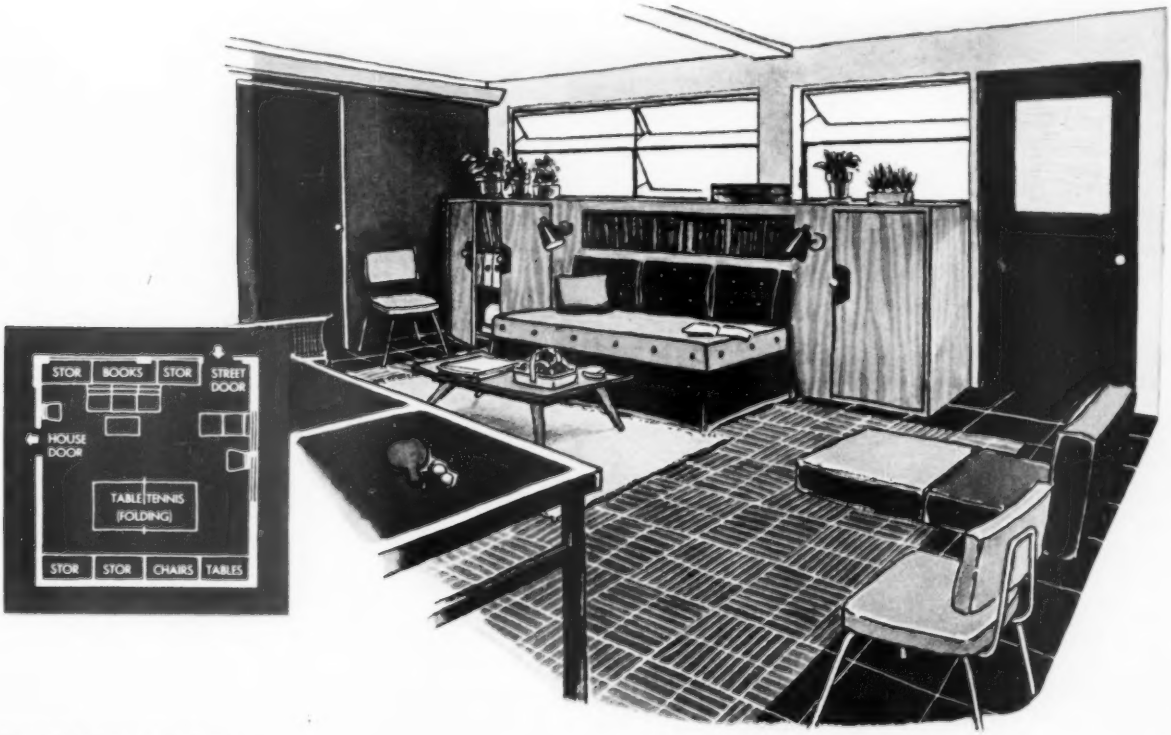
On the preceding pages, we have shown you how to remodel your breezeway, porch, or garage. When you start using these areas for part of your everyday living, you'll wonder how you ever got along without the extra space before. But how you decorate your new-found room is going to have a lot to do with how much you enjoy it. These space-giving spots lend themselves to original decorating ideas. Here are some suggestions to help you get started.

By Florence Byerly and Harry Richardson

This former porch is a room with many uses. It's a wonderful playroom for the children, with plenty of light for Mom to sew. Window seats, really box springs and mattresses, are always ready for extra guests. Just draw upper curtains for privacy

Bay window, set high for privacy, takes away boxy effect of narrow garage. If you plan to move car back into this space someday, you may decide to leave garage door in place; however, it will limit use of room during severe winter weather

This converted double garage has room for all sorts of family fun. Furnishings are of easy-to-clean materials that can take it. If your garage is close to the street, get privacy by filling original garage-door space with storage cabinets

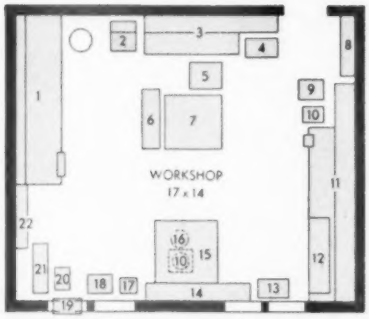


Best small workshop we've seen!

It's news when a handyman develops a complete home workshop in floor space the equivalent of a single-car garage! That's just what A. B. Bradley of Winnetka, Illinois, has done in a basement room only 14 feet wide by 17 feet long, pictured on these pages.

In past issues, *Better Homes & Gardens* has given you a great many suggestions for developing a home shop. Here's an end result, a goal for you to shoot at, with dozens of ideas you can use. You'll want to study these pictures and relate them to the floor plan. The more you look, the more you'll find.

By E. R. Haun



1. Woodworking bench
2. Band saw
3. Saw accessories and storage
4. Belt sander
5. Planer
6. Jointer
7. Circular saw
8. Finishing supplies
9. Drill press
10. Trash receptacles
11. Metalworking bench
12. Metal-turning lathe
13. Pedestal grinder
14. Wood-turning lathe
15. Demountable worktable
16. Spraying stool
17. Sink and water supply
18. Storage cabinet
19. Discharge fan
20. Portable shaper
21. Scroll saw
22. Portable power tools

Woodworking center is a marvel of efficient use of space

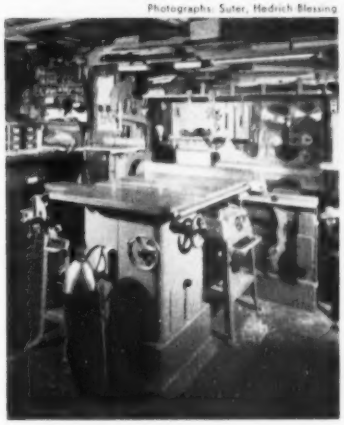
Every tool and machine is at home in its assigned place in this shop. When tools are within arm's reach of the point of use, waste motion is eliminated. And you are more likely to put tools away immediately after use, instead of cluttering up working space.

This woodworking bench, (No. 1 on plan) more than eight feet long, also serves as a project planning center and storage unit. It has nine drawers; the two that are opened contain nails, brads, and screws in partitioned, sliding trays. There are more than 100 labeled drawers and containers in the shop.

The wall cabinet above the bench houses a craftsman's array of small hand tools. They are mounted, so they don't interfere with each other, and they are not subject to bench vibration.

At the extreme right are vacuum-cleaner attachments, a band saw, and a corner of the jointer-circular saw combination. Rubber mat covers floor in front of the bench.

Photographs: Suter, Hedrich Blessing



Power-tool island. In the center of the shop stand three woodworking machines — a circular saw, jointer, planer. Each can be used without interference from another.

To make this possible, saw table is raised above other machines. Hose from vacuum cleaner at saw base reaches every corner of the shop. Saw accessories hang in neat array on background wall with space for stock above

Metalworking section is well equipped for many projects

The metalworking section is in the corner opposite the woodworking center. A metal-turning lathe (No. 12 in plan) is mounted on a bench with drawers and cabinets below. The drill press flanks bench at left. Pedestal grinder stands below windows, and along wall at right is a wood-turning lathe. Jointer, in foreground, shares center-of-the-shop space with circular saw.

The 3-foot-square table in front of wood lathe, accessible from three sides, is for assembling projects. It's quickly demountable when necessary, doesn't waste shop space. When larger table space is needed, a hardboard cover goes over the saw table. Under assembly table are wheeled trash can and rotating stool which supports work being spray-finished. Also note the switches and electrical outlets on the bench fronts, individual lamps for close work.

To see how a paint sprayer is used in this shop, turn to page 210

You can arrange furniture to "divide" a room when it must serve more than one activity. Sofa at right angle to wall suggests a partition between living and dining areas in this long, narrow room. Notice how pictures over the fireplace mantel give it the height to balance the high breakfront and window

Photographs: Hedrich-Blessing, Howland

Sleeping and dressing are most important in the bedroom, but by clever arrangement and double-purpose furniture, you can use bedrooms for reading, studying, or as a second living room. Twin beds line up against wall to clear floor space. Lamps are well placed to balance light around the room

A fully illustrated, 15-page study lesson in booklet form on this article is available. It's one of a new Better Homes & Gardens series on how to do your own decorating. See the "How to Helps" feature on page 279 for details on the series and how to get it. Next month: Lamps and lighting.

Let your living habits decide

Where you put your furniture

By Mary L. Brandt

Do you read in the living room—or in your bedrooms? Do your children use your dining room for homework? When you arrange furniture, you are actually arranging for family activities. So your first step is to decide what you and the family want to do in a room.

There's no set pattern you have to follow. Livability is the first—and the final—rule of good furniture arrangement. And you and your family are the best judges of "proper" arrangement in your home.

Begin by listing things you want to do in the living room. Maybe your list will be too long—your family-doings too much for one room. Rather than crowd the room, decide which activities you can best delegate to another room.

In the living room, you'll want to plan for pleasant conversation first of all. Arrange your main conversation grouping close to the room's center of interest. Yours is probably a fireplace or a picture window. Or you can create your own focal point centered around a sofa, a handsome table or breakfront, or even a picture grouping.

Then group furniture for the other things you'll want to do in your living room: write letters, read, nap, watch television, play games, eat buffet suppers. If music plays a big part in your evenings at home, be sure to allow for storage of records, or room for the gang around the piano. Plan these groupings so they can turn easily into one big circle for party time or club meetings.

How do you begin to place your furniture? Best scheme is to copy the professional decorators and sketch your room to size on a sheet of squared-off paper. Let each square represent one foot. Measure your room carefully to show placement of windows and doors and wall space between. Then try out different arrangements on your sketch. You'll find it's easier to erase a drawing than it is to move a piano!

First place the big furniture pieces parallel to the walls, or at right angles to the wall. Cater-cornered furniture wastes precious space. Avoid placing all the high or bulky furniture at one end of the room. And don't group all wooden furniture or all fabric-covered furniture together if you want a really interesting arrangement.

Now add smaller furniture: tables, chairs, benches, desk, radio cabinet. Don't be afraid to turn them at right angles to the wall if you make better use of space that way. Do keep traffic lanes open between pieces of furniture so you can walk through the room easily. Thirty-inch lanes are bare minimum. And you'll need that much clearance around dining-room chairs for easy serving, too.

Whatever your furniture or your room, you'll be concerned with *balance*. Balance refers to the way furniture is distributed around the room. Furniture and accessories arranged in pairs, and placed on either side of a central point and the same distance from the central point, are in "formal balance." You may use formal balance in front of a window or fireplace that's centered on a wall. But when a window or door is off-center, you can make it seem better balanced by putting a small piece on the shorter wall, a bigger piece on the longer wall. In the same way, two chairs, or a table and chair on one side of a fireplace, will "balance" a sofa on the other side. Formal balance is restful; informal balance is casual. For handsome rooms, you'll want both kinds.

Scale—the relative size of furniture pieces to each other, and to the size of room, too—is important. Beside your big chairs, use a big table; little tables look best beside little chairs. For your convenience, keep them close to each other

For help with your furniture arrangement problems, visit one of the Home Planning Centers operated in cooperation with Better Homes & Gardens. You'll find the Centers listed on page 182.

Orange zinnias in a squat, Provincial stoneware pitcher bring homey charm to your table. Cut the first seven flowers the lengths indicated on the diagram. Then place on a needlepoint holder in the bottom of the pitcher. You won't have to put the additional fill-in flowers on a holder. They'll stay in place without it. Be sure to cut each of the flower stems a different length

Colorful garden flowers get a dramatic build-up in this tall, turquoise pottery pitcher. Follow diagram for basic outline. If your flower stem isn't long enough to reach needlepoint holder in bottom of pitcher, bind it to a stick or piece of stem with florist's tape or string. Then be sure an inch of main stem reaches under water

Photographs: Hopkins

Pretty in a pitcher

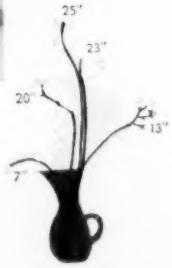
By Fae Huttenlocher

Milk pitchers, cream pitchers, iced tea and lemonade pitchers. All make charming backgrounds for bouquets of summers' garden flowers.

Choose blossoms that will harmonize with the color and feeling of your pitchers. For example, bold flowers with coarse foliage such as zinnias or marigolds look their best with sturdy pottery and earthenware. And the more-delicate blossoms like roses, cosmos, and larkspur will enhance your finest china, silver, and glass.

You'll get the best effect if you put the highest part of your arrangement on the handle side, with the low stem over the spout. This way the flowers follow the lines of the pitcher, as you can tell in the diagrams and pictures.

Pink and magenta petunias are striking, arranged in a sleek, blue pitcher. Note how the graceful flower stems repeat the curved lines of the pitcher. Place the first five stems on a needlepoint holder as shown in diagram, right. Fill in this outline with other flowers, each cut a different length. The tallest flower should be cut approximately three times the height of pitcher. Blossoms are all looking up



School Days *are* SOUP DAYS

ANNE MARSHALL
Director Home Economics
Campbell Soup Company

BY *Anne Marshall*

MOTHERS of growing children know instinctively what nutrition experts have long insisted—that the school-day lunch is a vitally important meal. Morning energy must be replenished for afternoon study and play.

Authorities say the noon meal should include a hot dish—whether lunch is eaten at home or carried to school. Among the many reasons they give is that a hot dish makes *everything* taste better.

Well-made soup is ideal for this hot dish. Children really enjoy good soup . . . take to it readily . . . digest it easily . . . and assimilate it completely. Moreover, soup is substantial and nourishing without being heavy. Here are three tempting school-day lunches built around soup. Why not try these quick, easy menu suggestions?

A HOME LUNCH CHILDREN LOVE

Here's an appetizing lunch for your junior or junior miss who comes home at noon. It features this almost-a-meal-in-itself vegetable soup.

Vegetable Soup
Cheese Spread Sandwich
Vanilla Pudding with Chocolate Chips
Milk

. . . Nourishing . . .

SOUP-MAGIC for Youngsters!

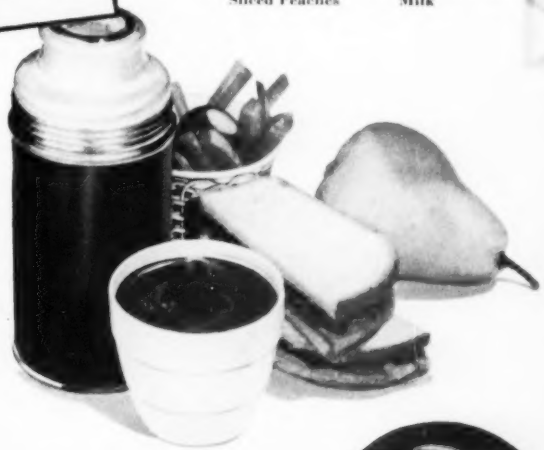
For a change—and for extra nourishment! Prepare soups for school-day lunches by adding milk, instead of water, to your child's favorites.

Heat together over low heat:
1 can chicken with rice soup (or green pea, vegetable, chicken noodle, vegetable-beef, tomato)
1 soup can of milk

THIS LUNCH, TOO, STAYS AT HOME

It's built around that great favorite of most children—nourishing chicken noodle soup.

Chicken Noodle Soup
Potato Salad and Ham **Hot Rolls and Butter**
Sliced Peaches **Milk**



THIS LUNCH GOES TO SCHOOL

It includes piping-hot tomato soup—"the soup most folks like best"—in a vacuum bottle.

Tomato Soup
Bologna & Relish Sandwich **Carrots & Radishes**
Fruit **Cake**

FLOUR

Perfectly luscious pies

In the hands of folks who love to cook, there are now a record 4,000,000* Better Homes & Gardens *Cook Books. Cause for celebration!

By Myrna Johnston

In the cook's book, there's nothing quite the equal of a perfect pie. And the lovelies you get when you take a rolling pin to the pie chapter of your red-and-white Cook Book! Any *one* will get you in the champion class. We've tasted hundreds of pies. And these are it!

The cut pie stealing the show in the center is Citrus Chiffon—cool, light as a cloud, but rich with swirls of cream. A party pie if ever there was one. Help yourself to a crisp nut goody, too. More coffee? The uncut pie [*Turn to page 102*

Photograph: Kuoni

From the cook book that gives you real inspiration for everyday family meals . . .

Dinners you'll be proud of

Dinner's ready! Family's all settled at the table. Dad serves . . . and you spy the heart-warming looks of anticipation.

Requests come in for seconds on the meat loaf, the fluffy mashed potatoes disappear, the muffin basket makes the rounds again. You even catch somebody eating his parsley. And the fat apple dumplings . . . they're a big hit! You know this is a dinner you can really be proud of.

There's a heap of satisfaction in meal-making.

But good dinners don't just happen. They're lovingly prepared. With an eye to what Family likes, to what Family's pocketbook can stand, to what Family needs for bouncing health, to what you can manage best in the midst of a good, full life of busy days.

Your *Better Homes & Gardens* Cook Book's job is to start your ideas ticking. So it has the "Meal-planning and Meal-making" chapter from which all the dinners below are taken.

Delicious Picture Dinner

MAIN DISH	VEGETABLES	SALAD OR ACCOMPANIMENT	NICE TO SERVE	DESSERT
Twin Meat Loaves*	Mashed Potatoes* Green Beans With Mushrooms	Tomatoes With Chives Bran Muffins*	Three Greens Salad Bowl French Dressing	Apple Dumplings*

The twin meat loaves are made from the Cook Book's prize meat-loaf recipe. Make the grooves with handle of wooden spoon; fill with catsup last 30 minutes. Who says meat loaf can't be glamorous enough for company? Whole tomatoes are carefully peeled, drizzled with French dressing, sprinkled with chopped chives. Three greens in salad: Lettuce, water cress, endive.

Make It a Steak

Swiss Steak*	Browned Paprika Potatoes* Dutch Spinach*	Peach Jam Corn-bread Sticks*	Consomme Melon-ring Salad	Apple Pie

Pound the good seasonings into the steak; brown it carefully in hot fat. Cook it gently—with tomatoes to make it extra tender—in your Dutch oven or in the oven. You could use corn-bread mix for the corn sticks. Have the pans hot so you get lots of good crustiness. Pans can be heating in the oven while you're stirring up batter. Apple-pie picture's on page 81.

Slide Dinner in the Oven

Pork Loin Roast	Baked Squash French Epicurean Peas*	Cherry Preserves Rosette Rolls*	Seafood Cocktail Piquant Salad*	Delicate White Cake*

Season the roast with salt and pepper. Place it in open roasting pan with the fat side up. Roast in moderately slow oven (300° to 350°) allowing 30 to 35 minutes per pound. Don't add water and don't cover. The peas will soon be one of your pet vegetable recipes, especially for your company dinners. They're extra special, with bits of crisp bacon, cream, mushrooms.

Ham and . . .

Broiled Ham Slice	Broiled Potato Slices Green Beans	Spiced Apricots Refrigerator Rolls*	Grape Juice Tossed Green Salad	Peach Cobbler*

Snip the fatty edge of the ham slice every inch so the meat won't buckle. Beans heat in broiler pan while the ham broils overhead. When you turn the ham, put the precooked potatoes, sliced, on the grill and brush them with butter. They'll brown while the ham's finishing up. Ham should broil a good 3 inches from the heat. Have the refrigerator-roll recipe made ahead.

Photograph: Kuoni

Sunday Best

Fried Chicken	Whipped Potatoes Summer Succotash*	Slices of Jellied Cranberry Sauce Biscuits Supreme*	Frosted Cocktail* Green Onions, Sliced Tomatoes	Frozen Orange-Prune Whip*

Rub the chicken pieces with seasoned flour (1 cup flour, 1½ tablespoons salt, 1 teaspoon pepper, 1½ tablespoons paprika) and let stand 10 minutes so coating will stick. Brown lightly in hot fat (you'll need an inch in the skillet). Don't hurry. Then add a little water; cover tightly; cook over low heat till tender, about 1 hour. Don't pass up our Cook Book biscuit recipe!

49 Taste-tested Recipes

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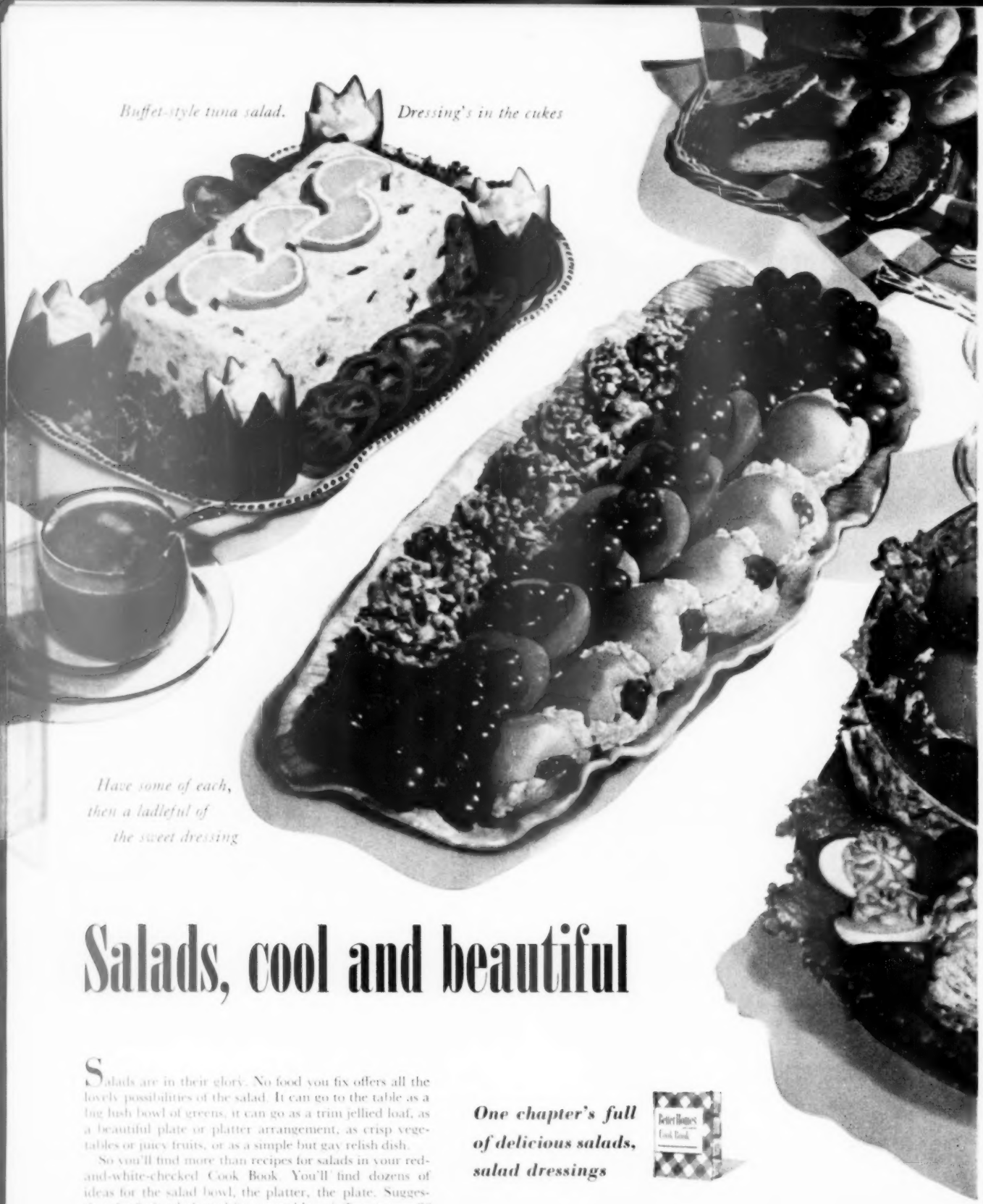


Buffet-style tuna salad.

Dressing's in the cukes

Have some of each, then a ladleful of the sweet dressing

Salads, cool and beautiful

Salads are in their glory. No food you fix offers all the lovely possibilities of the salad. It can go to the table as a big lush bowl of greens, it can go as a trim jellied loaf, as a beautiful plate or platter arrangement, as crisp vegetables or juicy fruits, or as a simple but gay relish dish.

So you'll find more than recipes for salads in your red-and-white-checked Cook Book. You'll find dozens of ideas for the salad bowl, the platter, the plate. Suggestions for fruit salads and for vegetable [*Turn to page 96*

One chapter's full of delicious salads, salad dressings

Orange-nut bread sandwiches, tiny hot rolls

Seafaring salad in a landlubber's shell. Nibble water cress, too

Photograph: Kuoni

Handsome double-decker, crunchy salad below, fruity salad above

Rosy-red tomato salads with green and gold wings, gold topper

Look in this cook book for ideas for thrifty meals, casual entertaining

Easygoing casseroles

Like a company dinner that looks after itself while you're saying "Hi, make yourself at home" to the guests? Like to get dinner parked in the oven, then be free to catch up on the day's excitement when Family troops in? *These* are *breathe-easy* main dishes. Our favorites from years of tasting the favorite dishes of good cooks everywhere.

Take the Hamburger Pie, center. Family suppers don't come any easier than this. And if you're fixing it for company, you can do it up elegantly in a handsome baker, put the fluffy potatoes through a pastry tube for an extra frill. This casserole coasts in the oven 30 minutes while you attend to your other jobs.

Tamale Pie, with the stripes [*Turn to page 149*

Photograph: Kuoni

If you want to dazzle 'em, turn to the "Dessert" chapter

Party desserts

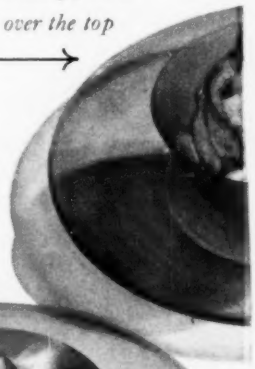
When it comes to guests tossing bouquets, it's usually over a beautiful dessert you've really put your heart into. Something that looks luscious and *is* luscious. A dazzler that creates a nice flurry when you bring it in view of company. Then overwhelms you with compliments at the guests' first bite.

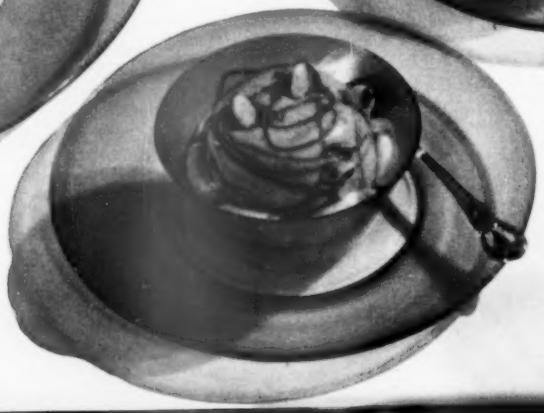
We've singled these desserts and cakes out of the hundreds of praise-winning recipes you'll find in your red-and-white Cook Book.

If you're thinking of starting right in and making one of these desserts, turn to page 133.

Posy-bedecked Ambrosia, so refreshing and just right after a big dinner. Make it a conversation piece for coffeetime

Burnt-almond Sponge poked full of crisp almonds, and crackly, caramelized sugar spun over the top





Silver Layer Cake lushly frosted, crowned with coconut. Be sure everyone knows you made it all yourself!

Cranberry Sherbet, a pretty top-off with the good tartness that only the merry cranberry has

Walnut Torte, nut-crusted cake with rich Chocolate Whip. Mmmm to the last forkful

Photograph: Kuoni

Chiffon cake of chiffon cakes— Pineapple Chiffon. Pineapple juice in the cake and crushed pineapple in rich butter frosting

4,000,000 of these cook books are prized by good cooks everywhere

"What's the recipe?"

The answer to that question launched America's most popular cook book

Fences may or may not make good neighbors, but the recipes that have been exchanged across them have done much to blunt the pickets. Many a lifelong friendship has begun with the request for and the glad sharing of a "favorite recipe." We have no way of knowing how many *Better Homes & Gardens* Cook Books have been lent to neighbors across fences, but we do know that more than 4 million copies have rolled from our presses. With the exception of the Bible, only four other books have enjoyed such popularity.

We knew that people liked to share recipes when we brought out our first Cook Book in 1931, and our judgment was confirmed when we found our readers saving recipes from *Better Homes & Gardens* and filing them between the pages of the first loose-leaf cook book. A recent survey shows that in one year alone, more than 10,500,000 pages of recipes have been saved from *Better Homes & Gardens*. That adds up to the amazing total of 84,000,000 recipes!

Because of your interest in recipes and your interest in fixing and serving beautiful food, we have each month carefully selected the recipes which will give your family thrifty, delicious meals and will make your entertaining easy and a big success. In this issue you'll find favorite Cook Book recipes featured in color. And because we know meal-planning is one of your big problems, we are featuring five meals taken from the meal-planning chapter of the Cook Book.

If there were any room for doubt that people like to share recipes, it would certainly be crowded out by the hundreds of entries you were willing to share with other readers in the contest conducted to bring you the tempting chicken recipes shown on the opposite page. That's why we look for a huge response to our new $4,000 "Family Favorite" recipe contest that's announced on page 243 of this issue. Your family's favorite dish can win as much as $1,000, or any one of the other 67 prizes.

Like the recipes in the Cook Book and on the opposite page, every prizewinner is given many tests by members of our famous Tasting-Test Kitchen staff here in Des Moines before it is published. That's done to assure you of well-balanced recipes that will produce with comparative ease the results described.

Along these lines, the wife of a departmental official living in Washington recently wrote us about the Cook Book: "My husband and I support four youngsters on what *any* taxpayer would call a reasonable income. In addition, our routine calls for several little dinners a month for officials and for visitors from overseas. I can honestly say that I couldn't get such a homemaking job done without the constant, refreshing suggestions from other homemakers and the full year's supply of meals found in our *Better Homes & Gardens* Cook Book and in the magazine."

Letters like that, and your enthusiastic response to our recipe contests, lead us to believe that your *Better Homes & Gardens* Cook Book will go on making new friends as long as there are cooks and kitchens.

Harvard Carrots

The tangy sauce gives sunshine carrots a flavor lift—

- ½ cup sugar
- 1½ tablespoons cornstarch
- ¼ cup vinegar
- ¼ cup water
- 4 cups cooked, sliced carrots
- ¼ cup butter or fortified margarine

Mix sugar and cornstarch. Add vinegar and water. Cook until thick, stirring constantly. Add carrots and let stand over low heat 5 to 10 minutes. Add butter. Serves 6.—*Mrs. W. S. Davis, Daleville, Indiana.*

Grandma's Red Cabbage

Colorful cabbage and apple cubes glisten in a sweet-sour sauce—

- 3 cups shredded red cabbage
- 2 medium unpeeled apples, cubed (1¾ cups)
- ¼ cup cider vinegar
- ¼ cup brown sugar
- ¼ cup water
- 1 teaspoon salt
- ⅛ teaspoon pepper
- 2 tablespoons bacon drippings or salad oil
- Dash caraway seeds

Combine all ingredients; cover tightly and steam till cabbage is tender, about 30 minutes. Stir occasionally. (More vinegar may be added for a tart flavor.) Serves 4.—*Mrs. Richard S. Corley, Wellesley Hills, Massachusetts.*

Zucchini Parmesan

A tempting trio: bland zucchini circles, zippy cheese, and green onions—

- 4 cups thinly sliced zucchini
- 1 small onion, sliced
- 1 tablespoon water
- 2 tablespoons butter or fortified margarine
- 1 teaspoon salt
- Pepper
- 3 tablespoons grated Parmesan cheese

Put first six ingredients in skillet. Cover and cook 1 minute. Uncover and cook, turning with wide spatula, till barely tender, about 5 minutes. Sprinkle with cheese; toss. Serves 6 to 8.—*Mrs. F. L. Connor, Denver, Colorado.*

Better Homes & Gardens Cook Book

CHICKEN

Crusty, Herb-fried Chicken

The seasonings are simple, the flavor wonderful—

- 1 3- to 3½-pound chicken
- ½ teaspoon thyme
- ½ teaspoon marjoram
- Flour
- Fat
- ½ teaspoon rosemary
- 2 tablespoons fresh minced parsley
- 1 teaspoon salt
- ¼ teaspoon pepper
- ½ cup hot water

Cut chicken in serving pieces. Sprinkle with thyme and marjoram; let stand ½ to 1 hour. Roll in flour and fry in ¼ inch hot fat just long enough to brown on both sides. Remove each piece as it browns and place in shallow baking pan. Sprinkle with rosemary, parsley, salt, and pepper. Pour the hot water into frying pan; stir thoroughly. Pour over chicken. Bake uncovered in moderately hot oven (375°) about 45 minutes. Serves 6.—*Mrs. Forrest E. Linder, Port Washington, New York.*

Spanish Chicken

1 2- to 2½-pound chicken
1 cup chopped onion
2 cloves garlic, minced
½ cup diced green pepper
⅓ cup pimiento, cut in strips
1 cup uncooked rice
1½ cups chicken bouillon
1½ teaspoons turmeric
Dash chili powder
1 teaspoon salt
Pepper

Cut chicken in serving pieces, roll in seasoned flour, and brown in hot fat. Remove from skillet. Cook onion, garlic, and green pepper in remaining hot fat till onion is golden. Add pimiento and rice; stir over low heat about 2 minutes. Add remaining ingredients. Heat to boiling. Pour into 2-quart casserole; arrange chicken on top. Bake in moderate oven (350°) 1½ hours.—*Mrs. E. W. Brockman, Jr., Chapel Hill, North Carolina.*

Party Chicken Ring

¼ cup butter
½ cup enriched flour
1 teaspoon salt
3 cups chicken stock
½ cup milk
1 teaspoon lemon juice
Pepper, paprika
3 cups diced cooked chicken
½ cup sliced stuffed olives
2 tablespoons chopped pimiento

Melt butter; stir in flour. Add salt, stock, milk. Cook over low heat till thick, stirring constantly. Add remaining ingredients. Heat. **Biscuit Ring:** Sift together 1½ cups enriched flour, 1 tablespoon baking powder, ¾ teaspoon salt, and ½ teaspoon poultry seasoning. Cut in ¼ cup shortening. Stir in ½ cup plus 2 tablespoons milk. Bake in greased 8-inch ring mold in hot oven (450°) 15 minutes. Brush with butter; fill with hot chicken.—*Mrs. H. J. Wahlert, Gary, Indiana.*

Chicken Pie With Yam Biscuits

1½ cups diced cooked chicken
½ cup diced cooked carrots
6 small cooked onions
1 teaspoon parsley
½ cup evaporated milk
1 10½- or 11-ounce can cream of chicken soup
2 tablespoons enriched flour
½ teaspoon salt
¼ teaspoon pepper

Place chicken and vegetables in 1½-quart casserole. Add milk to half of soup. Heat to boiling. Blend flour and seasonings with remaining soup. Stir into hot mixture. Cook till thickened. Pour into casserole. Top with Yam Biscuits. Bake in moderate oven (350°) 45 minutes. **Yam Biscuits:** Sift together 1 cup enriched flour, ½ teaspoon salt, 2 teaspoons baking powder. Combine 1 cup cooked, mashed yams, ⅓ cup melted butter or fortified margarine, and 1 beaten egg. Add dry ingredients. Blend. Drop biscuits from spoon.—*Mrs. Harold Sinclair, Westbrook, Maine.*

Better Homes & Gardens **Cook Book**

VEGETABLES

Garden Row Eggplant

A harvest of vegetables combine in one grand dish—

1 medium eggplant
3 tablespoons melted butter or fortified margarine
3 tablespoons finely chopped onion
1 tablespoon chopped parsley
2 tablespoons chopped celery
1 cup chopped fresh tomatoes
¼ cup chopped green pepper
1 cup soft bread crumbs
1½ teaspoons salt
½ cup corn flakes

Wash eggplant; cut in half lengthwise and remove pulp to within ½ inch of skin. Dice pulp; mix with 2 tablespoons of butter, onion, parsley, celery, tomatoes, green pepper, bread crumbs, and salt. Fill eggplant shell with mixture. Place in greased baking dish. Cover. Bake in moderately hot oven (400°) 40 minutes. Uncover and sprinkle with corn flakes that have been mixed with remaining tablespoon of butter. Bake 15 minutes more—till topping is lightly browned. Serves 6.—*Mrs. William F. Hartleb, Hamilton, Ohio.*

Sets a new high in goodness!

PEAK OF PERFECTION CAKE

(Makes two 9-inch layers)

Follow directions and be sure to use Crisco. For while pure, fluffy Crisco makes *any* cake a *better* cake, with Crisco and this Crisco Quick Method cake recipe, perfect cakes are as easy as A B C!

All Measurements Level: Measure into bowl:

2 cups sifted cake flour	**1 tsp. salt**
2 cups sugar	**3 squares chocolate, melted**
⅓ cup Crisco	**¾ cup milk**

Mix thoroughly by hand or mixer (medium speed) for 2 minutes. Stir in:

⅓ tsp. baking powder • 1½ tsps. soda

Add: **½ cup milk • 3 eggs • 1 tsp. vanilla**

Mix thoroughly by hand or mixer (medium speed) for 2 minutes. Pour into two deep 9-inch layer pans (1½" deep) which have been rubbed with Crisco or lined with heavy waxed paper. (For smaller pans fill half full, bake cup cakes with remaining batter.) Bake in moderate oven (350° F.) for about 40 minutes. Cool cake in pan on rack 15 minutes. Before removing, loosen edges from pan with spatula. Place rack over cake in pan; invert together. Cool and frost with:

FLUFFY WHITE ICING

1½ cups sugar	**½ cup water**
⅛ tsp. cream of tartar	**2 egg whites, unbeaten**
	½ cup chocolate "sprinkle"

Place all ingredients in top of double boiler. Set the top of the double boiler into the bottom which contains boiling water. Cook, beating constantly with an egg beater until the icing stands in peaks (about 7 mins.). Spread icing between layers and on top and sides of cake. Pull icing on top of cake into many small peaks with a spoon. Decorate sides of cake with chocolate "sprinkle."

BIGGER, BETTER CRISCO COOK BOOK has 112 pages exciting new recipes, lots of full-color pictures. Send 25¢ in coin and a Crisco label, any size, for *New Recipes for Good Eating*. Mail to Crisco, Dept. M, Box 837, Cincinnati 1, Ohio. Offer good in Continental U. S. and Hawaii.

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It's lighter! It's richer! It's made with Crisco!

It's a compliment-getter and then some—this high, light and luscious chocolate cake! And it's such an easy-to-bake cake, too—with Crisco!

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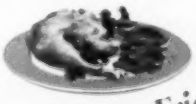
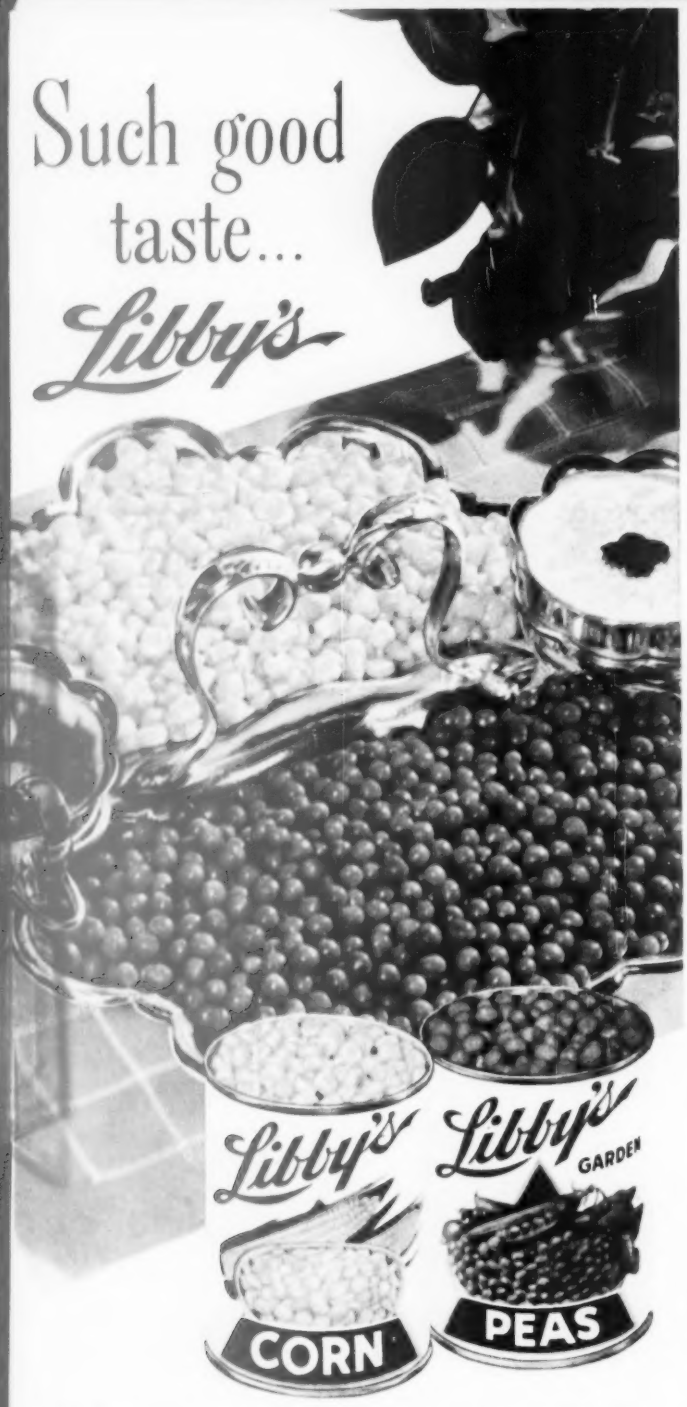
Crisco cakes are quick—take only 4 minutes' mixing. Easy! You don't beat eggs separately, there's no "creaming" step. For Crisco is now creamier than any other vegetable shortening—blends *instantly* into smooth batters.

And oh, how Crisco cakes outshine the package mix kind! Crisco cakes are richer, more tender, keep fresh longer, cost less! Once you bake a Crisco cake you'll know why more women bake with Crisco than any other brand of shortening.



For Cakes and Pies and Tasty Fries—**use Crisco**

IT'S DIGESTIBLE!



They're always sweet as summer! Libby's Peas with that real June-time flavor. Libby's Corn, so sunny-good . . . in both cream-style and golden whole-kernel. Serve Libby's Peas and Libby's Corn *together* to give a menu a special spark. Serve them separately *often*. Libby's are *always* such good taste!

Libby, McNeill & Libby, Chicago 9, Ill.

TRY THESE OTHER FINE LIBBY'S VEGETABLES

Spinach • Beets
Asparagus • Lima Beans
Tomatoes • Pumpkin
Stringless Beans
Peas and Carrots
Garden Mixed Vegetables

LOOK TO Libby's FOR PERFECTION!

Contest for cooks

Win a prize with your best recipe

You may be chosen Cook-of-the-Month and win $10 if you send the top Layer Cake or Egg or Cheese Dish. Or if you are one of the 20 other winners, you will receive $3 and Honor Roll mention. Eight recipes will be featured on next April's Cook Book pages.

Layer Cakes. We'd like to try the cake that wins you praises. And the frosting or filling that makes it extra delicious.

Is it chocolate, or devil's food? With a rich fudge frosting, fluffy seven-minute, or rich butter-cream? Or old-fashioned burnt sugar with caramel frosting, or a dusky spice cake with a whipped-cream filling?

Might be feathery orange or lemon layers, a coconut triple-decker, a tender gold or white cake.

You may make your cake in one bowl or the conventional way. Tell us exactly how you do it, so we will get your beautiful results.

Egg or Cheese Dishes. Have a special cheese rabbit, soufflé, sauce, or fondue? Or a different way of creaming eggs or making an omelet?

Perhaps you have a tempting variation of macaroni and cheese, new seasonings for scrambled eggs. Or a luncheon casserole where eggs and cheese team up.

But don't stop with main dishes. Your favorite egg or cheese dish might be a salad—hard-cooked egg circles or nippy cheese strips with tossed greens, or egg salad. Or it could be a way to dress up vegetables with eggs or cheese.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement and *six copies of the endorsed recipe.*

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "April Layer Cakes" or "April Egg or Cheese Dishes."
2. Print your full name and address clearly in the upper right corner of the recipe page in ink.
3. Give measurements in *level* cups, tablespoons, and teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the history or origin of your recipe.
6. All recipes submitted become the property of *Better Homes & Gardens.*
7. Entries must be postmarked by midnight, September 30.
8. Address the recipes you enter to 5409 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month is Mrs. Forrest E. Linder. Her Crusty, Herb-fried Chicken tastes as if it were seasoned by a chef.

Mrs. E. W. Brockman's Spanish Chicken with its golden-brown chicken pieces and yellow rice flecked with green pepper and pimiento makes a colorful platter. When you're wondering what to serve for the ladies' luncheon, try Mrs. H. J. Wahlert's Party Chicken Ring.

Leftover chicken makes a grand appearance in Mrs. Harold Sinclair's Chicken Pie With Yam Biscuits.

Top honors for Harvest Vegetables go to Mrs. William F. Hartleb for her Garden Row Eggplant.

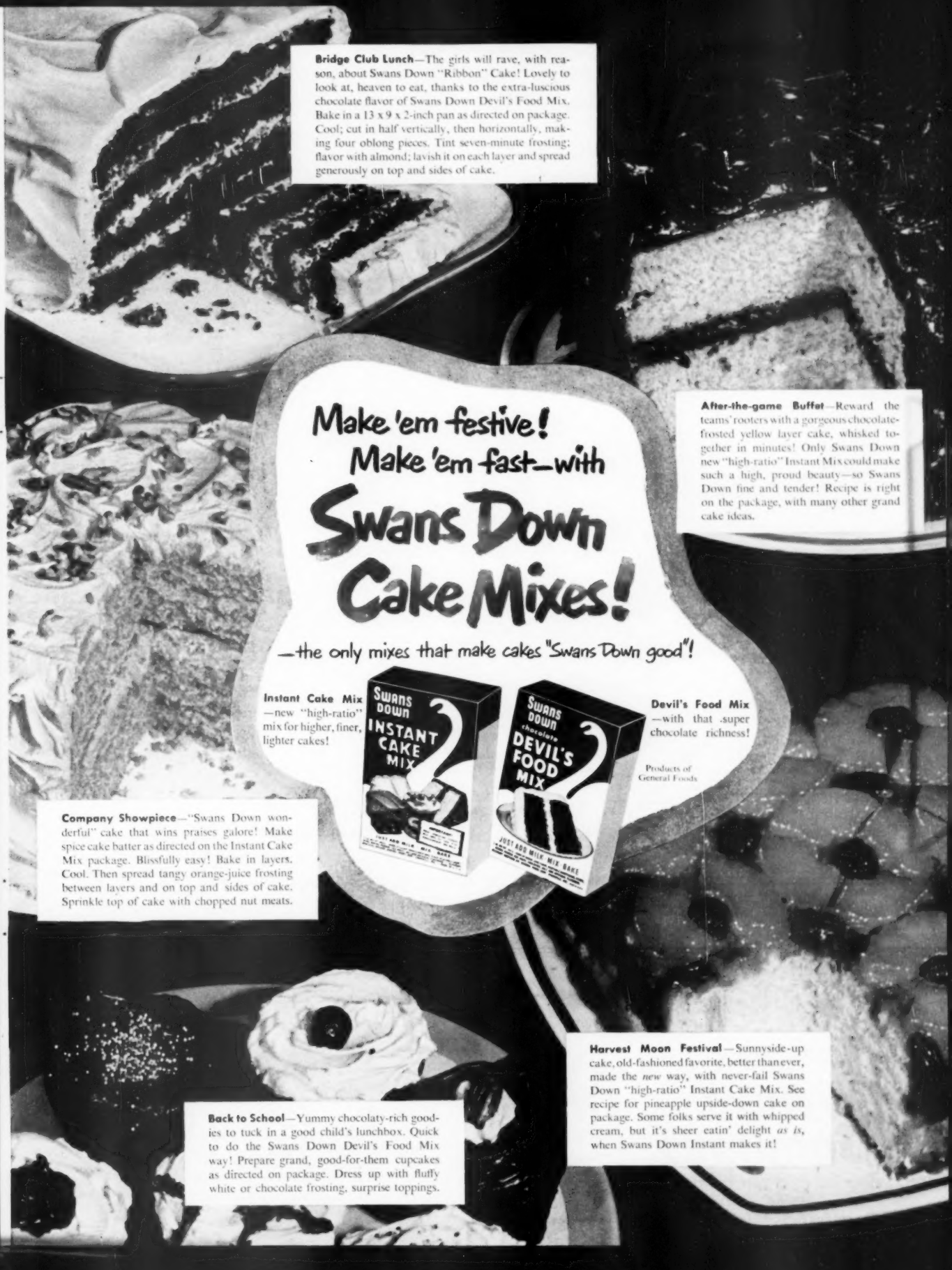
Mrs. W. S. Davis developed her winning Harvard Carrots after her 8-year-old daughter suggested she cook carrots "just like beets." Grandma's Red Cabbage sent by Mrs. Richard S. Corley has been a favorite in her family for years.

Mrs. F. L. Connor won a prize for her delightfully different Zucchini Parmesan.

Turn to pages 91 and 92 for these good recipes.

Honor roll

Mrs. J. Norman Aamodt, Seattle, Wash.
Mrs. E. W. Brockman, Jr., Chapel Hill, N. C.
Mrs. F. L. Connor, Denver, Colo.
Mrs. Richard S. Corley, Wellesley Hills, Mass.
Mrs. W. S. Davis, Daleville, Ind.
Mrs. Ruth Furfero, Fort Lee, N. J.
Mrs. William F. Hartleb, Hamilton, Ohio.
Mrs. Van Kelly, Rosita, Colo.
Mrs. Fred Kerrick, West Roxbury, Mass.
Mrs. Forrest E. Linder, Port Washington, N. Y.
Mrs. V. Matson, Virginia, Minn.
Mrs. Merton Merritt, Cambridge Springs, Pa.
Mrs. Thomas A. Morgan, Saugus, Mass.
Mrs. Sam A. Nesbitt, Spartanburg, S. C.
Phyllis D. Parker, Kingfield, Maine.
Mrs. Melvin Pederson, Dayton, Iowa.
Mrs. Harold Sinclair, Westbrook, Maine.
Mrs. W. T. Strudwick, Muskegon, Mich.
Mrs. Leslie L. Vande Voorde, Moline, Ill.
Mrs. H. J. Wahlert, Gary, Ind.
Mrs. Douglas Yorke, Scarsdale, N. Y.


Bridge Club Lunch—The girls will rave, with reason, about Swans Down "Ribbon" Cake! Lovely to look at, heaven to eat, thanks to the extra-luscious chocolate flavor of Swans Down Devil's Food Mix. Bake in a 13 x 9 x 2-inch pan as directed on package. Cool; cut in half vertically, then horizontally, making four oblong pieces. Tint seven-minute frosting; flavor with almond; lavish it on each layer and spread generously on top and sides of cake.
After-the-game Buffet—Reward the teams' rooters with a gorgeous chocolate-frosted yellow layer cake, whisked together in minutes! Only Swans Down new "high-ratio" Instant Mix could make such a high, proud beauty—so Swans Down fine and tender! Recipe is right on the package, with many other grand cake ideas.
Make 'em festive!
Make 'em fast—with
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—the only mixes that make cakes "Swans Down good"!
Instant Cake Mix —new "high-ratio" mix for higher, finer, lighter cakes!
Swans Down INSTANT CAKE MIX
Swans Down chocolate DEVIL'S FOOD MIX
Devil's Food Mix —with that super chocolate richness!
Products of General Foods
Company Showpiece—"Swans Down wonderful" cake that wins praises galore! Make spice cake batter as directed on the Instant Cake Mix package. Blissfully easy! Bake in layers. Cool. Then spread tangy orange-juice frosting between layers and on top and sides of cake. Sprinkle top of cake with chopped nut meats.
Back to School—Yummy chocolaty-rich goodies to tuck in a good child's lunchbox. Quick to do the Swans Down Devil's Food Mix way! Prepare grand, good-for-them cupcakes as directed on package. Dress up with fluffy white or chocolate frosting, surprise toppings.
Harvest Moon Festival—Sunnyside-up cake, old-fashioned favorite, better than ever, made the *new* way, with never-fail Swans Down "high-ratio" Instant Cake Mix. See recipe for pineapple upside-down cake on package. Some folks serve it with whipped cream, but it's sheer eatin' delight *as is*, when Swans Down Instant makes it!

"My Aunt Jemima Old South Recipe gives you –

the lightest pancakes you can bake!"

Yes, the *very* lightest pancakes you can bake! Lighter even than *your own homemade!* It's all because Aunt Jemima's Old South Recipe is now specially blended . . . a wonderful process that whips and whirls a fluffy lightness right into Aunt Jemima Pancake Mix – Buckwheats, too! *You* just stir *very* lightly . . . and bake the lightest, most delicious pancakes of your life! What's more, a stack of fluffy-light Aunt Jemimas, running with butter 'n syrup, costs about 6¢. Enjoy them any time, any day.

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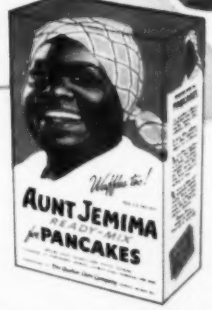

Aunt Jemimas
America's Best-Loved Pancakes

The red box for pancakes and waffles The yellow box for buckwheats

salads. Recipes for delicious dressings, quick ways to vary those from your grocer's shelf.

Read the salad chapter and you'll be off to the kitchen with wonderful inspiration. Salads like the salads below put sunshine in your meals. They're the ones in the pictures on pages 84 and 85, and they're all from the Cook Book.

Tuna Salad Mold

- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- ¾ cup hot water
- 2 tablespoons lemon juice
- 1 teaspoon prepared mustard
- ¼ teaspoon salt
- ¼ teaspoon paprika
- 2 7-ounce cans tuna, flaked
- 1 cup chopped celery
- ½ cup heavy cream, whipped

Soften gelatine in cold water; dissolve in hot water. Add lemon juice and seasonings. Chill until partially set; add tuna and celery; fold in whipped cream. Chill in individual molds. Serves 6. Or double the recipe to fill 8½x4½-inch pan. Unmold on cool platter. Garnish top with lemon slices. Overlap slices of tomato each side of loaf, and at each corner of platter, place a cucumber tulip filled with Cucumber Dressing.

Cucumber tulips: Cut each cucumber in 3-inch lengths. Notch tops in 5 or 6 petals. Remove some of center with teaspoon.

Fruit Tray

This is the salad on the green leaf-shaped plate on page 84. Down the center are peach halves filled with grapes. Cut bananas in 3- or 4-inch lengths. Dip in honey blended with a little lime juice, then roll in chopped California walnuts. Put thoroughly drained, chilled canned pear halves together with cream cheese softened with a little cream. The "blush" you make by brushing a little diluted red food coloring on cheek of pear. The green is mint jelly. Cluster bunches of grapes at each end of plate. Pass Sweet Fruit Dressing.

Two-decker Salad

Top deck: Put cool canned peach halves (drain *thoroughly*) together with a mixture of cream cheese softened with a little cream, chopped dates, and nuts. Arrange stuffed peaches on ruffly lettuce. Around them arrange whole strawberries or maraschino cherries on the stem and slices of avocado dipped in lemon juice. Tuck in some sprigs of parsley, too.

Lower deck: Arrange crisp, cool wedges of head lettuce on ruffly lettuce. Spoon Thousand Island Dressing over. Between the lettuce wedges, arrange Deviled Eggs and tomato quarters.

Shrimp Salad Shell

Line salad shell with sliced pineapple and little bouquets of water cress. Fill with pink, fresh-cooked, chilled shrimp. Pour over Tangy French Dressing. Pass both mayonnaise and the Tangy French Dressing, so that your guests may have a choice.

Egg Salad in Tomato Cups

- 4 medium-size tomatoes
- 2 tablespoons chopped green onions
- ¼ cup chopped green pepper
- ½ medium-size cucumber, chopped
- 3 hard-cooked eggs, chopped
- ¼ cup salad dressing

Turn tomatoes stem end down. Cut in 5 sections—not clear through. Slip a thin cucumber slice and a slice of hard-cooked egg into each cut. Combine remaining ingredients; spoon on top of each tomato. Chill thoroughly. Serve on lettuce with additional salad dressing. Serves 4.

Deviled Eggs

Halve 6 hard-cooked eggs lengthwise; remove yolks and blend with 2 tablespoons mayonnaise, 1 teaspoon vinegar, ½ teaspoon salt, dash of pepper, ¼ teaspoon paprika, and ½ teaspoon dry mustard or 1 teaspoon prepared mustard. Refill egg whites.

Sweet Fruit Dressing

- ½ cup sugar
- 1 teaspoon salt
- 1 teaspoon dry mustard
- 1 teaspoon celery salt
- 1 teaspoon paprika
- 1 teaspoon grated onion
- 1 cup salad oil
- ¼ cup vinegar

Mix dry ingredients; add onion. Add oil, a small amount at a time, alternately with vinegar, the last addition being vinegar. Beat with a fork; then, if mixture seems to separate, use rotary or electric beater to blend. Makes 1½ cups.

Mayonnaise

- 1 teaspoon salt
- ¼ teaspoon paprika
- ½ teaspoon dry mustard
- Dash of cayenne
- 2 egg yolks
- 2 tablespoons vinegar
- 2 cups salad oil
- 2 tablespoons lemon juice
- 1 tablespoon hot water

Mix dry ingredients; add egg yolks and blend. Add vinegar and mix well. Add salad oil, 1 teaspoon at a time, beating with rotary beater, until ¼ cup has been added. Add remaining salad oil in increasing amounts, alternating last ½ cup with lemon juice. Add hot water; this takes away oily appearance. Makes 2 cups.

Thousand Island Dressing

To 1 cup mayonnaise, add ½ cup chili sauce, 3 hard-cooked eggs, chopped, 1½ dill pickles, chopped, ⅓ cup chopped celery, 1 green pepper, minced, and 1 small onion, minced. Makes 2 cups. Add a little chopped pimiento or sweet red pepper if you have it.

Cucumber Dressing

Combine ½ cup mayonnaise, ¼ cup finely diced cucumber, 1 tablespoon chopped green pepper, 1 teaspoon tarragon vinegar, ¼ teaspoon salt, dash cayenne pepper.

Tangy French Dressing

Combine 1 cut clove garlic, ½ teaspoon salt, dash of black pepper, 3 tablespoons vinegar, ½ teaspoon Worcestershire sauce, 2 drops Tabasco, 1 tablespoon horse-radish, and ½ cup salad or olive oil in jar; cover and shake well.

In your home... a G-E Kitchen with matched appliances!

Whether you plan to buy, build or remodel your present home, there's a wonderful G-E All-Electric Kitchen for you!

JUST IMAGINE the excitement of having a marvelous All-Electric Kitchen like the one shown here—a General Electric Kitchen *completely equipped* with matched appliances!

You'll have a modern, streamlined G-E Space Maker Refrigerator. You'll get a G-E Disposall,® a magical device that washes food waste—even bones—away quickly, for good.

You'll get a positive thrill in using the G-E Automatic Dishwasher and Sink that double-washes, double-rinses and dries dishes—electrically. There's a G-E "Speed Cooking" Range—fast, safe, and clean, with automatic features.

So whether you're buying, building or remodeling, get the finest in electrical living—a G-E All-Electric Kitchen! And all of the wonderful appliances shown above will fit into a kitchen space 11 feet 6 inches by 13 feet.

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❶ *If you're buying or building a new house,* your down payment on a house with a G-E Kitchen is only *slightly more* than a house without these appliances. Afterward, because your G-E Kitchen is a part of the mortgage which is paid off over the years, you'll hardly notice the small increase in monthly payments.

❷ *If you're installing a new kitchen in your present house,* or in an older house you have bought, you can get favorable terms, too—though down payment and monthly payments will be more than if you were buying a home.

In any case, your G-E dealer can help you design your new kitchen *especially to fit your home! For additional information, consult him or mail coupon at lower right.*

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G-E 10-cubic-foot Refrigerator

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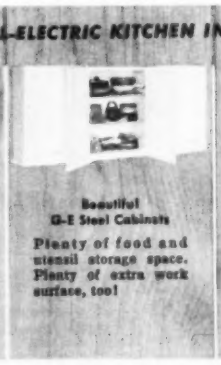

Beautiful G-E Steel Cabinets

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Dear Sirs: I'd like to know the name of my local G-E Kitchen Specialist, and I understand I'm under no obligation.

Name

Address

City State

Glamour puddings from a package

By Tasting-Test Kitchen Staff

Layer Tapioca Cream. Pour cool, frozen strawberry sauce into parfait glasses. Add a layer of *vanilla tapioca pudding*. Next come more strawberries, then more creamy pudding. Crown the tall parfait with a big strawberry. Chill the pudding thoroughly

Party Parfait. The diagonal stripe looks fancy, but it's simple to make. Dip a little red raspberry jam into the bottom of a slim parfait glass. Hold the glass at an angle and spoon in chilled *rice pudding*. Then add a $^3/_4$-inch layer of jam. Fill with the pudding

Tapioca Royale. Spoon *chocolate tapioca pudding* and *orange-coconut tapioca* into parfait glasses in layers. First chocolate, then orange, then more chocolate. For a perky trim, top off with a juicy orange section

Photographs: Photography, Inc.

Butterscotch Delight. Turn velvety *butterscotch pudding* into sherbet glasses, and chill. (You can add chopped walnuts right after you remove the pudding from the heat, if you wish.) Garnish each with a perfect walnut half. When it's time to serve, trickle golden maple syrup over the top

A packaged pudding takes only five minutes to cook. Then if you add a minute or so for tricky ideas like these, you have a glamorous dessert with next to no bother on your part.

You'll find a big variety in the packaged puddings on your grocer's shelves—vanilla, chocolate, butterscotch, lemon, rice, custard; and vanilla, chocolate, and orange-coconut tapioca. Each one makes an excellent family dessert—a dessert that's good for you, because you make it with milk.

Make the pudding the way the package says, get out your prettiest sherbets or parfait glasses, and show the family something brand new in the way of pretty mealtime top-offs.

More on page 195

"You season French Dressing better than any gal I know!"

"Kraft does, you mean!"

"I JUST NEVER MAKE MY OWN ANY MORE, NOW THAT I'VE FOUND KRAFT'S FRENCH DRESSINGS. BOTH KINDS, **KRAFT FRENCH** AND **MIRACLE FRENCH**, ARE SEASONED PERFECTLY. AND THE SEASONING'S EXACTLY THE SAME EVERY TIME, WHICH IS SOMETHING I NEVER COULD MANAGE! THEY'RE WONDERFUL TIME-SAVERS, TOO!"

Oriental Salad Bowl

Bibb lettuce
French endive
Watercress
One tomato
Scored cucumber slices
Miracle or Kraft French Dressing

In a large round salad bowl arrange bibb lettuce, endive cut in pieces, and watercress radiating from a tomato, cut poinsettia style. Separate the greens with cucumber slices and scatter cucumber slices through the endive. Garnish the tomato with watercress, and serve the salad with *Miracle* or *Kraft* French Dressing. Miracle and Kraft French Dressing really are delightful. Actually, they're used by more people than all of those who make their own.

America's Favorites!

KRAFT
THE NAME THAT MEANS WONDERFUL SALADS

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Miracle French has a "Parisian accent" that gourmets praise. If you like onion and garlic in French Dressing—a deft touch, just the right touch—you'll share the enthusiasm for Miracle French Dressing.

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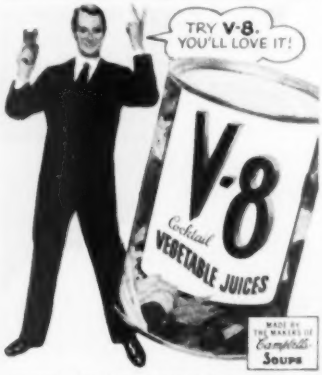
I'd been in front of our cameras for hours when . . .

. . . our Snack Wagon finally rolled up and we took a ten minute rest. Somebody . . .

. . . suggested V-8. At first taste I knew I had found something great. Later . . . .

. . . at lunch the whole gang drank V-8 and did it steal the scene! Everybody. . . .



. . . agreed the V-8 blend of 8 vegetable juices can't be beat.

Alan Ladd

*V-8 is a trademark owned in the United States by Campbell Soup Company; in Canada by Campbell Soup Company Ltd.

Perfect pastry every time

By Elsa Wallin Louis

Your reputation as a cook depends, partly, on the kind of pies you bake. And if your pastry is flaky, tender, delicately browned, and carefully crimped, you've mastered the art of pie baking.

Here is how you can make reputation-building pastry. We give you all the tricks—how to cut in shortening to make the piecrust extra-flaky, how to add the water, how to roll pastry to fit your pan. With a little practice, you'll be making perfect pastry—every time.

Here's how you can make

Sift together 1½ cups enriched flour and ½ teaspoon salt. Cut in ½ cup shortening with a pastry blender or blending fork till the pieces are the size of small peas. To make the pastry extra tender and flaky, divide the shortening in half. Cut in ¼ cup of shortening until the mixture looks like corn meal. Then cut in the remaining ¼ cup only till the pieces of shortening are the size of peas

Photographs: M. A. Nelson

Divide the dough in half. Form into a ball. Flatten the ball slightly and roll on a lightly floured pastry cloth. Draw a circle on your pastry cloth 1 inch larger than your piepan. Roll dough within the circle. Then you can tell at a glance how much to roll pastry. If the edges of the pastry split, pinch together. Always roll from the center out to the edge. Then the pastry will be round. Use light strokes

Your pie is so delicious, so handsome, it rates a trip to the table. Cut it there, where everyone can watch. Crust is flaky, golden brown. "Melts in your mouth," they'll say

tender, flaky piecrust—step by step

Sprinkle water, a tablespoon at a time, over part of the mixture. Gently mix with fork; then push to one side of the bowl. Sprinkle the next tablespoon water over dry part; mix lightly. Then push to the moistened part at the side. Repeat until all is moistened. You'll need 4 to 5 tablespoons water. Then gather up the dough with your fingers; form into a ball. Let the dough stand for a couple of minutes

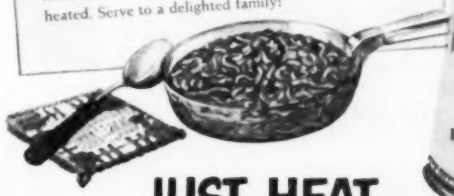
Roll other half of pastry the same way for top crust. To prevent pastry from tearing, roll it over rolling pin; unroll on top of filling. Trim lower pastry even with pan. Moisten edges. Cut upper crust ½ inch larger. Fold top crust under lower. Crimp edges by pressing dough between thumb and finger of one hand and forefinger of the other. Now brush with top milk or light cream for a shiny finish

Eat HEARTY-with Franco-American Spaghetti!

Hard-working, hard-playing families need good, nourishing food that will tempt them to *eat hearty!* So just watch them go for hearty Franco-American Spaghetti! Extra fine spaghetti, tender-cooked in a luscious sauce of juicy ripe tomatoes and sharp Cheddar cheese—that's Franco-American! Save time and work in a hot kitchen—and keep your family well fed at the same time—with appetizing meals built round hearty Franco-American Spaghetti. Ready in a jiffy, and *so* thrifty—only pennies a portion. This week, *eat hearty* with Franco-American Spaghetti!

RECIPE FOR A COOL KITCHEN . . .

. . . *and* a delicious supper! Combine 2 cans of Franco-American Spaghetti and 1 can of tuna fish in a shallow pan. Cover and place over low heat for about 10 minutes, stirring occasionally so mixture will be well heated. Serve to a delighted family!



JUST HEAT... AND EAT HEARTY!

Perfectly luscious pies

Begins on page 80

The uncut pie is Le on Meringue, a memory-building . The lemon tang, the color, the aminess, the brown-tipped meringue you dream a lemon pie should have.

The lattice pie, top, is Butterscotch-Peach. Brown sugar, lemon juice, dots of butter with a generous cook's hand—that's what makes *it* perfectly luscious.

The golden cheese apples top an apple pie. No tricks inside. Just perfect *apple pie*—fresh-cut, still a little warm from the oven, crust flaky and golden brown, sweet apple juices bubbled up from beneath.

The pie with cooky scallops is Cocomint Chiffon. Crisp cooky crust, rich and airy chocolate filling, whipped cream and red-and-white stick-candy topping. *Dressed-up* chocolate pie.

The Banana Cream Pie's a beauty. Cool, creamy filling hiding slices of banana. Whipped cream and bananas on top.

Recipes, right out of the *Better Homes & Gardens* Cook Book, are down below—along with careful directions on how to make the trims for the crust. You'll find still more ideas, still more recipes for perfectly luscious pies in the "Pastry and Pies" chapter of your Cook Book.

Apple Pie

- 5 to 7 tart apples
- ¾ to 1 cup sugar
- 2 tablespoons enriched flour
- ⅛ teaspoon salt
- 1 teaspoon cinnamon
- ¼ teaspoon nutmeg
- 1 recipe Plain Pastry
- 2 tablespoons butter

Pare apples and slice thin; add sugar mixed with flour, salt, and spices; fill 9-inch pastry-lined piepan. Dot with butter. Adjust top crust. Bake in hot oven (450°) 10 minutes, then in moderate oven (350°) about 40 minutes. If apples aren't tart, add 1 tablespoon lemon juice. Garnish each juicy wedge with a golden apple and a pair of leaves cut from sliced cheese. **Rim trim:** See picture of apple pie, page 81. Trim lower pastry ½ inch beyond edge of piepan. Roll top crust so edges will match lower crust; cut slits for the steam to puff through. Dampen edge of lower crust with water. Lay top crust on filled pie. Pinch edges together. Cut scallops with tip of teaspoon, bowl side of spoon down. Then mark with tines of fork. For shiny top, brush pie with top milk. *Tasting-Test Kitchen Note:* If you're in a hurry, save yourself some time by using canned apples.

For pastry recipe, see "Perfect Pastry Every Time," page 100.

Butterscotch-Peach Pie

- 1 No. 2½ can (3½ cups) sliced peaches
- 1 recipe Plain Pastry
- ½ cup brown sugar
- 2 tablespoons enriched flour
- ⅛ teaspoon salt
- ¼ cup syrup from canned peaches
- ¼ cup butter
- 2 teaspoons lemon juice

Place drained peaches in 9-inch pastry-lined piepan. Combine sugar, flour, salt, and peach syrup; add butter; cook until thick. Remove from heat; add lemon juice; pour over peaches. Make lattice top crust. Bake in hot oven (425°) 30 minutes. **Rim trim:** With pastry wheel, trim pastry even with edge of piepan. Put on lattice top, trimming pastry strips even with edge of pan. Moisten rim of pastry with cold water. Top with lattice strip to cover ends and hold in the bubbling juices.

Citrus Chiffon Pie

- ⅓ cup sugar
- ⅓ cup lemon and orange juice (equal parts)
- Dash of salt
- 3 egg yolks
- 2 teaspoons unflavored gelatine
- ¼ cup cold water
- ½ teaspoon grated lemon peel
- ½ teaspoon grated orange peel
- ¼ cup sugar
- 3 stiff-beaten egg whites
- 1 9-inch baked pastry shell
- ¾ cup heavy cream, whipped

Combine ⅓ cup sugar and fruit juices. Add salt to egg yolks and beat until thick. Add fruit-juice mixture; beat well. Cook in double boiler until mixture coats spoon. Remove from heat; add gelatine softened in cold water; stir until gelatine dissolves. Add grated peels. Chill until partially set. Slowly beat remaining ¼ cup sugar into egg whites. Fold into custard and pour into cooled baked shell. Chill until set. Spread with whipped cream; sprinkle with additional grated orange peel. Pass a bowl of crisp walnut goodies to nibble between wonderful bites of pie. **Rim trim:** Trim pastry ½ inch beyond edge of pan. Fold under. For each crimp, forefinger of your *right* hand presses pastry between thumb and forefinger of your *left* hand. Prick bottom of crust. Bake as usual.

Tasting-Test Kitchen Note: Orange peel will be dry and fluffy to sprinkle on top of pie if you'll pat out excess moisture between layers of paper toweling.

Lemon Meringue Pie

- 1 cup sugar
- 1¼ cups water
- 1 tablespoon butter
- ¼ cup cornstarch
- 3 tablespoons cold water
- 6 tablespoons lemon juice
- 1 teaspoon grated lemon peel
- 3 egg yolks
- 2 tablespoons milk
- 1 8-inch baked pastry shell

Meringue:

- 3 egg whites
- 6 tablespoons sugar
- 1 teaspoon lemon juice

Combine sugar, water, and butter; heat until sugar dissolves. Add cornstarch blended with cold water; cook slowly until clear, about 8 minutes. Add lemon juice and peel; cook 2 minutes. Slowly add egg yolks beaten with milk; heat to boiling. Cool. Pour into cooled baked shell. **Meringue:** Beat egg whites stiff but not dry; add sugar gradually; add lemon juice at the last. Spread over cooled filling, sealing to edges of pastry. Brown in moderate oven (350°) 13 to 15 minutes. **Rim trim:** Trim crust even with pan. Cut additional pastry in ¼-inch strips. You'll need

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Betcha

one sniff recalls canning-time back home!

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two. Twist them together; place on rim. Prick bottom of crust; bake as usual.

Coromint Chiffon Pie

- $\frac{1}{4}$ cup cocoa
- $\frac{1}{2}$ cup sugar
- $\frac{1}{8}$ teaspoon salt
- $1\frac{3}{4}$ cups milk
- 2 well-beaten egg yolks
- 1 tablespoon (1 envelope) unflavored gelatine
- $\frac{1}{4}$ cup cold water
- $\frac{1}{2}$ teaspoon vanilla
- 2 stiff-beaten egg whites
- $\frac{1}{2}$ cup heavy cream, whipped
- 4 sticks peppermint candy, crushed

Mix cocoa, sugar, and salt in double boiler; add milk and heat until sugar dissolves. Add a little hot mixture to egg yolks; stir into remaining hot mixture. Cook until thick. Add gelatine softened in cold water; stir until gelatine dissolves. Add vanilla. Chill until partially set. Fold in egg whites and cream. Pour into cooky crust; chill. Garnish with whipped cream; sprinkle with candy.

Vanilla-wafer Crust

- 1 cup vanilla-wafer crumbs
- $\frac{1}{4}$ cup melted butter or fortified margarine
- 12 whole vanilla wafers

Sprinkle 2 tablespoons of cooky crumbs in bottom of piepan. (The crumbs make the pie wedges easier to take out.) Mix remaining crumbs and butter. Press on bottom of pan. Chill. Line sides of piepan with whole cookies.

Banana Cream Pie

- $\frac{1}{4}$ cup cornstarch
- $\frac{2}{3}$ cup sugar
- $\frac{1}{4}$ teaspoon salt
- 2 cups milk, scalded
- 3 slightly beaten egg yolks
- 2 tablespoons butter
- $\frac{1}{2}$ teaspoon vanilla
- 1 9-inch baked pastry shell

Mix cornstarch, $\frac{2}{3}$ cup sugar, and salt; gradually add milk. Cook in double boiler till thick, about 10 minutes, stirring constantly. Slowly add small amount of hot mixture to egg yolks; stir into remaining hot mixture. Cook 5 minutes. Cool; add butter and vanilla. Slice 2 or 3 bananas into cooled baked shell. Add filling. Bake in moderate oven (350°) 12 to 15 minutes. Cool. Garnish with whipped cream and banana slices. **Rim trim:** Trim pastry $\frac{1}{2}$ inch beyond edge of pan. Fold under. For each crimp, pinch pastry between your thumbs. Bake as usual.

BETTER HOMES & GARDENS

"Your laughing at my old love letters reminded me. Remember this?"

ONLY the NEW Sunbeam MODEL 10 AUTOMATIC MIXMASTER

REG. U. S. PAT. OFF.

gives you all these advantages

LIGHTER... HIGHER... FINER-TEXTURED CAKES!

More EVEN mixing and greater AERATION with these NEW LARGER BOWL-FIT BEATERS

You get more EVEN mixing and greater AERATION. All the batter is carried into and through the beaters. The larger outside beater is curved to fit the contour of the bowl all the way to the bottom. The larger inside beater is shaped to cover the flat bottom surface all the way to the center. The bowls revolve automatically leaving hands FREE to add ingredients.

NEW, LARGER HEAT-RESISTANT BOWLS. Both bowls are now larger. The large bowl now holds 4 quarts for generous quantities of butter, potatoes for whipping, etc.

ORDINARY FOOD MIXER | Sunbeam MIXMASTER

Actual photograph of angel food cakes made in baking tests with ordinary food mixer and with the new Sunbeam. You can SEE and TASTE the difference. Sunbeam Mixmaster's higher, lighter, finer textured cakes are a result of the better mixing and greater aeration the new larger Bowl-fit beaters give you.

AUTOMATIC MIX-FINDER DIAL

Perfect mixing speeds right at your fingertips. EASY-TO-SEE, EASY-TO-SET.

AUTOMATIC JUICE EXTRACTOR

Oscillating strainer automatically joggles juice out of pulp. Faster. Easier-to-use.

AUTOMATIC BEATER-EJECTOR

Tilt the handle—out drop Bowl-fit beaters individually, for easier cleaning. No pulling.

ONLY **THE NEW SUNBEAM MIXMASTER** has all the marvelous new features that give you higher, lighter cakes—creamier, fluffier mashed potatoes—velvet-smooth icings and sauces—better, easier food-preparing around the clock. So be sure the mixer you get (or you receive as a gift) is the NEW Sunbeam—the original and ONLY Mixmaster. There's only ONE by that name. Nearly seven million enthusiastic users are its best advertisements. It is also the mixer for which there are such marvelous attachments as the combination Food Chopper-Meat Grinder, Hi-Speed Drink Mixer, Butter Churn and others. On sale wherever good electric appliances are sold.

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give you cleaner, cooler, automatic cooking

LOOK! Here are the features you wanted most!

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—turns oven on, shuts it off; your meal is cooked automatically...just the way you want it!

√ **HIGH-SPEED SURFACE UNITS**
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√ **DUPLEX BUDGET COOKER**
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—for perfect baking, roasting or broiling. Oven window and light.

√ **FULL SIZE WARMING OVEN**
—keeps food warm, ready to serve ...while other units are being used.

√ **SMART NEW STYLING**
—centralized control panel...beautiful appointments...recessed top light...bar-type handles.

√ **TITANIUM PORCELAIN FINISH**
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√ **2 ROOMY STORAGE DRAWERS**
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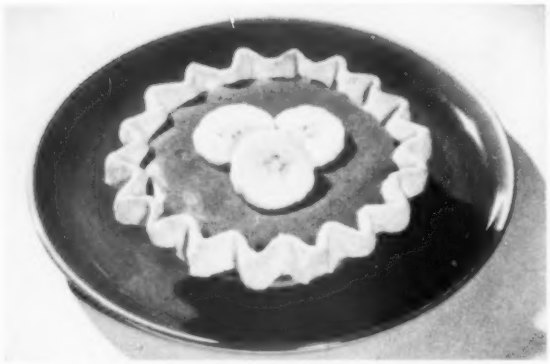
Glamour puddings from a package

Begins on page 98



Chocolate-Banana Tarts. Here packaged pudding and speedy pie-crust mix pair off. Line five cooled tart shells with sliced bananas. Pour rich *chocolate pudding* over; top with pretty banana circles

Lemon Puffs. *Lemon pudding and pie filling* makes a creamy, fresh-flavored filling for tender cream puffs. When puffs are thoroughly cool, slit each on one side. Then fill generously with pudding. Or you can use smooth *vanilla pudding* for the filling if you prefer

Peach Cream Pie. So delicious you'd never guess it was this easy to fix. Fold chopped, drained peaches into cooled *vanilla pudding.* Then spoon gently into a crisp, 8-inch graham-cracker crust. Trim the top with juicy peach slices. Chill in refrigerator several hours

It's jelly-making season all year 'round—thanks to

THE NEW 15-MINUTE JELLY MIRACLE!

Brand-New! Frozen Orange Juice and Sure-Jell make thrilling orange jelly in just 15 minutes!

SO EASY!

Try a new Sure-Jell short-boil recipe—with bottled or frozen juice, or frozen fruit—and you'll say it's a miracle, too! No bother of preparing fruit. Just mix the ingredients and heat! That's all!

SO THRIFTY!

Costs less than jams or jellies you buy! *Yields 50% more* than the long-boil way. And most important, Sure-Jell is the concentrated natural fruit pectin product that helps *all* fruits to jell *just right!*

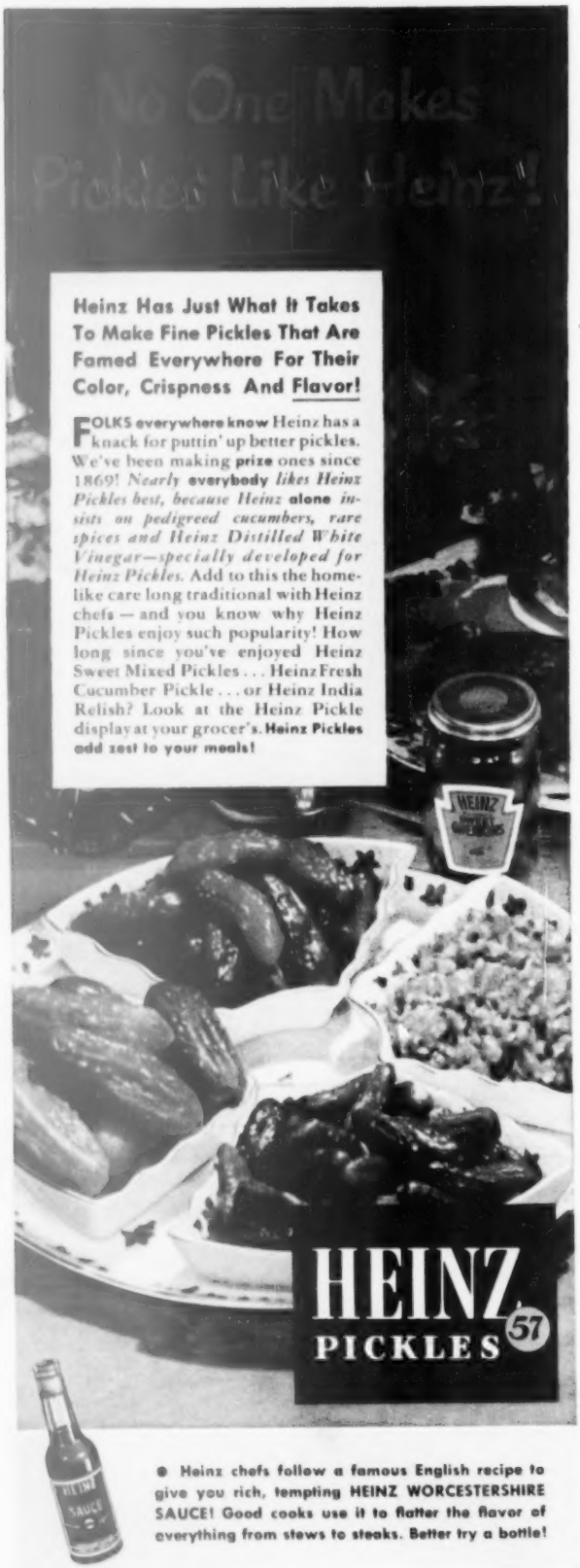
SO DELICIOUS!

The marvelous short-boil method captures all the fragrance and flavor of your fruit or juice. With Sure-Jell they can't boil away, as they can with the long-boil method! (Sure-Jell will work its same jelling wonders with *fresh* fruit, too! Look for the dozens of recipes for fruits and berries in every Sure-Jell package.)

Powdered fruit pectin for easy jelly making

Product of General Foods

HOMEMADE Jams and Jellies can't be beat, can't be bought!



● Heinz chefs follow a famous English recipe to give you rich, tempting HEINZ WORCESTERSHIRE SAUCE! Good cooks use it to flatter the flavor of everything from stews to steaks. Better try a bottle!

How you can short-

By Doris Adams

For faster and smoother dishwashing, stack dishes at the right side of your sink and rinse them at the left. Of course, if you're left-handed, you should reverse this order. The best place to keep your dishes and silver is within arm's reach of the sink. You'll save many steps when you put them away.

Or next time you entertain, why not skip dishwashing? Take a look at the attractive new paper dishes. You'll enjoy your party more if you don't have to wash every plate in the house after the guests depart.

Start out your new plan for efficiency with a cart on wheels or a roomy tray. Dishes go from table to sink in one trip. Saves many steps.

Until you get one of the best helpers ever, an automatic dishwasher, use these handy tools and helpful tips for your everyday job of washing dishes.

Rinse and stack. Rubber scraper whisks crumbs into the sink strainer. Glasses and silver go into the dishwater first, so set them next to the sink. Then come plates and cups, neatly stacked, and last, the pans. Colorful rubber mat quiets clatter, protects dishes, drainboard

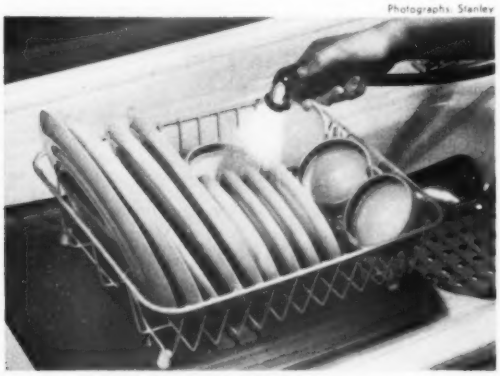
Make this sink-height test. Can you pick up a cup from the back of your dishpan without stooping? Rack raises dishpan an inch, lets rinse water go right down the drain. Family handyman could make a higher rack of wood and finish it with waterproof varnish or a gloss enamel

cut dishwashing

Keep supplies at your finger tips. In cabinet under the sink, dishcloth hangs on rack that holds soap and cleaner. Striped towels go on pull-out rods with ample drying space. Your dishcloths will stay sweet-smelling, towels snowy white when you use clean ones often

Plan for smooth washing. As left hand sets glass in the drainer, right hand holds onto the dishcloth. Then you don't waste time fishing for it. Rubber mat and liner for twin sink help soundproof dishwashing, protect glassware and china from chipping, cut down sink scouring

Photographs: Stanley



Short-cut by air-drying. The hotter the rinse water, the more sanitary your dishes will be, and the faster they will dry. You save on laundry, too, for only glasses and silver need wiping with a towel. Sloped draining tray could go on the counter by your sink

NORTH WOODS MAPLE FLAVOR

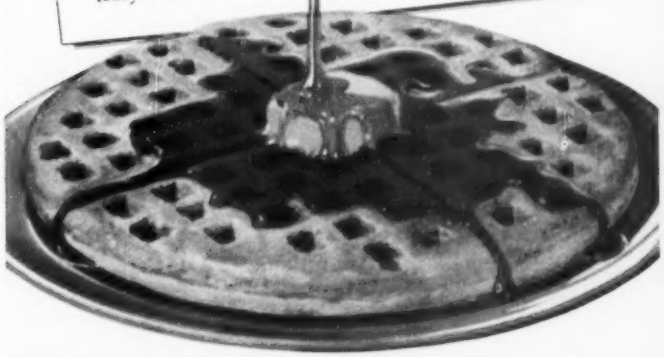
Product of General Foods

RECIPE

"Bacon Waffles" in LOG CABIN! Plenty good... make plenty!

Just fix your favorite waffle batter. As you cook each waffle, place a strip of *partially cooked* bacon on top of batter and close iron. (So simple! Such a nice surprise at first bite!) Serve with butter and rich, golden Log Cabin Syrup.

Log Cabin's real maple flavor is the perfect companion for *any* waffles or pancakes. You'll love this delicate, just-right blend of sugar and pure maple sugar syrups. Get some today. (And be *thrifty*! Get the large *economy* size!)



Aloha kakou!

Even the sunny glass says it—"greetings everybody"—from Hawaii's azure shores! In Dole Pineapple Juice you can really taste the true essence of the Islands—for here is mellow tropic flavor, tangy and pure as nature makes it! So bracing you'll want to serve it often, every day! P.S. So quick—just chill, shake, punch, pour!

FISHERMEN, KONA COAST—PRINTED IN HAWAII FOR THE HAWAIIAN PINEAPPLE COMPANY BY MILLARD SHEETS

DOLE

PINEAPPLE JUICE

SLICED • CRUSHED • TIDBITS
CHUNKS • DOLE FRUIT COCKTAIL

Like to have a Hawaiian party? Dole gives you more than 100 ideas in a brand new booklet! For "How You Can Give Hawaiian Parties," send 25c to Patricia Collier, Box A, 215 Market Street, San Francisco 6, California.

Treats for your jam and jelly shelf

Photograph: Photography, Inc.

By Frances French

Something brand new: Cool-as-a-cucumber Marmalade! And three old favorites you'll want to make

"It's delicious. What *is* it?" everybody asks when the surprise is Cool-as-a-cucumber Marmalade. It will be a conversation piece when you serve it with cream cheese and crackers for dessert. Fresh lemon juice gives it a nice refreshing tang. And it's a beautiful color.

Grape Conserve's an old favorite made from rich, fully ripe grapes, crisp nuts, oranges, lemons. Royal Grape Jam combines Concord grapes, fall pears. For Tropical Peach Jam you mix ripe peaches, bananas, maraschino cherries.

Follow the recipes below, and soon you can have a taste.

Cool-as-a-cucumber Marmalade

2 cups prepared cucumbers
4 cups sugar
$\frac{1}{3}$ cup lemon juice
2 tablespoons grated lemon peel
$\frac{1}{2}$ bottle fruit pectin

Pare about $1\frac{1}{2}$ pounds fully ripe cucumbers. Chop very fine or grind. Measure 2 cups into a large saucepan. Add sugar, lemon juice, and peel to cucumber in saucepan and mix well. Place over high heat, heat to a full rolling boil, and boil hard 1 minute, stirring constantly. Remove from heat, and at once stir in fruit pectin. Then stir and skim by turns for 5 minutes to cool slightly and to prevent floating particles. Ladle quickly into hot, sterilized glasses. Paraffin at once. Makes about six 6-ounce glasses. *Note:* If desired, a few drops of green food coloring may be added while mixture is coming to a boil. *Tasting-Test Kitchen Note:* Chill the marmalade in the refrigerator before you serve it, so it will be *cool* as a cucumber.

Grape Conserve

4 pounds grapes
8 cups sugar
3 medium oranges
2 lemons
2 cups California walnuts, broken

Wash grapes; separate skins from pulp. Cook pulp until soft; sieve to remove seeds. Add skins; stir in sugar. Juice oranges and lemons. Thinly slice orange and lemon peels; cover with cold water

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NEW! 3000 Moisture-hungry, DRY-CRISP PELLETS, only . . . $1.00, ppd. Keep COOKIES, CANDIES . . . DRY & CRISP; SALT, FREE FLOWING . . . in any humidity. Everybody uses them. SEND $1.00 to:

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and heat to boiling. Drain; add to grape mixture with fruit juices. Cook until thick, about 40 minutes. Add chopped California walnuts. Seal conserve in hot, sterilized glasses. Makes fourteen 6-ounce glasses.

Royal Grape Jam

2 pounds ripe Concord grapes
1 cup water
2 pounds ripe pears (about 6)
3½ cups sugar
¼ cup lemon juice

Wash grapes; separate skins from pulp. Cook pulp in water until soft; sieve to remove seeds. Combine pulp and skins; measure (should be about 3½ cups fruit). Pare pears; slice. Add pears, sugar, and lemon juice to grapes; mix to dissolve sugar. Simmer until thick, about 30 minutes, stirring frequently. Pour jam in hot, sterilized glasses. Seal. Makes four 4-ounce glasses.

Tropical Peach Jam

2 ripe bananas
½ cup drained maraschino cherries
1½ pounds soft, ripe peaches (about 5)
4 cups sugar
1 box powdered fruit pectin

Mash bananas to a fine pulp. Chop cherries fine. Pare and pit peaches. Chop very fine or grind. Combine fruits and measure 3½ cups into a large saucepan. Measure sugar and set aside. Place saucepan holding fruit over high heat. Add powdered fruit pectin and stir until mixture comes to a hard boil. At once stir in sugar. Bring to a full rolling boil and boil hard 1 minute, stirring constantly. Remove from heat; skim; ladle quickly into hot, sterilized glasses. Seal by pouring melted paraffin over the top of the jam. Makes about seven 6-ounce glasses.

Mothers

Old-fashioned

She washed and cooked and sewed and spun,
Her day was truly never done.
With artless skill she raised her young,
With steadfast hand and gentle tongue,
And used no guide to sapience
Except the law of common sense.

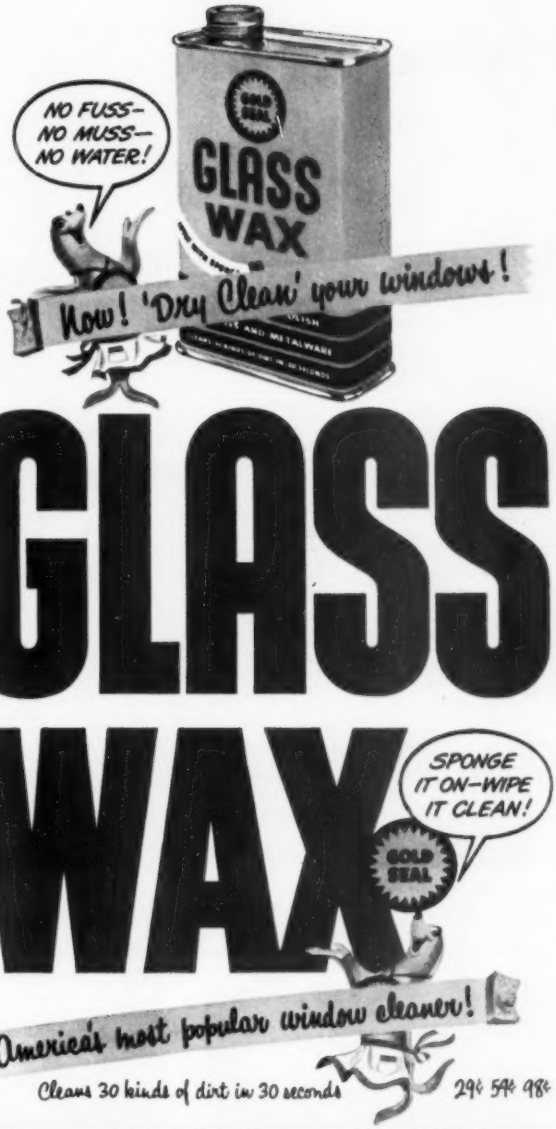
Modern

She knits and washes, sews and cooks,
As prompted by the latest books.
She trains her tot with mind sincere
On rules that change from year to year,
And treads with care lest she offend
The latest psychologic trend.

Conclusion

A mother's joy was unalloyed
Before the days of Dr. Freud.

—*Harry Lazarus*



"GLASS WAX", 'wood cream' and GOLD SEAL are trademarks. Gold Seal Co., Bismarck, N. Dak.

Ginger Creams taste like old-fashioned gingerbread. Frost the whole panful with creamy frosting, then cut in squares, bars, or in diamonds as shown

Cooky bars for your cooky jar

By Mary Carrick

One of the fastest and most delicious ways to fill up a cooky jar is to make *bar cookies*. You don't have to stop to roll out the dough or drop it from a teaspoon. You make a batter as we do in the recipes on page 126, spread it quickly in the pan, bake, cool, and cut the one big cooky in neat bars or squares.

With the exception of the crunchy lollipops shown in the picture below, the cookies are soft and chewy, more like cake. They're delicious plain, topped with nuts, frosted, or sprinkled with confectioners' sugar. Make 'em, bake 'em, and fill up your cooky jar!

Peppermint Brownies are two brownies put together with a smooth peppermint cream filling. Mint and fudge flavors—some cooky!

Photographs: Photography, Inc.

Fig Bars come out of the oven a beautiful golden brown, light and tender like sponge cake. They're chewy with figs, crisp with nuts

Lollipops are sweet, crisp cereal bars mounted on sticks. They are built specially for hungry youngsters who raid your friendly kitchen. Here they are served with big glasses of good cold milk

More on page 112

Betty Crocker MAPLE PECAN CHIFFON

Cool and summer-y in a nut-trimmed, beige frosting!

You'll take a bow—after serving up Maple Pecan Chiffon! It's glamour on a cake plate—put there by *you*, a Betty Crocker recipe and the ever-glamorous Softasilk Cake Flour.

All cakes become glamorous—with Softasilk! Chiffons—Double-Quicks—Angel Food Supremes—Softasilk makes them all higher, finer, more delicate than ordinary flour can! Because Softasilk is no ordinary flour! It's milled and tested just for cake-making! Use Betty Crocker's tested cake recipes—for Chiffon, Double-Quick and Angel Food Supreme cakes. Use them with Softasilk Cake Flour. And together they'll give you cake-perfection every baking time!

The Secret of all glamour cakes is—

Softasilk

SO GOOD IT'S AMERICA'S CHIFFON CAKE FLOUR!

Betty Crocker of General Mills

Betty Crocker Maple Pecan Chiffon

MAKE ONLY WITH SOFTASILK

Preheat oven to 325° (slow moderate). Chop nuts *very* fine (see quantity at right below).

STEP 1... Measure (level measurements thruout) and SIFT together into mixing bowl:

- **2¼ cups *sifted* SOFTASILK Cake Flour (spoon lightly into cup, don't pack)**
- **¾ cup sugar**
- **3 tsp. baking powder**
- **1 tsp. salt**

Mix in:
- **¾ cup brown sugar (free of lumps) (packed in cup)**

Make a well and add in order:

- **½ cup cooking (salad) oil such as Wesson**
- **5 unbeaten egg yolks (medium-sized)**
- **¾ cup cold water**
- **2 tsp. maple flavoring**

Beat with spoon until *smooth* or with electric mixer on medium speed for one minute.

STEP 2... Measure into *large* mixing bowl:

- **1 cup egg whites (7 or 8)**
- **½ tsp. cream of tartar**

Beat by hand until whites form *very stiff* peaks, or with electric mixer on high speed for 3 to 5 minutes. DO NOT UNDERBEAT. Egg whites are stiff enough when a rubber scraper drawn through them leaves a clean path.

STEP 3... Pour egg yolk mixture gradually over beaten egg whites—*gently* folding with rubber scraper *just* until blended. DO NOT STIR. Sprinkle over top of batter gently folding in with a few strokes:

- **1 cup very finely chopped pecans**

Pour immediately into *ungreased* tube pan, 10 x 4-in. Bake *55 minutes* in *slow moderate oven* (325°), then increase to *350°* (moderate) for *10 to 15 minutes*, or until top springs back when *lightly* touched.

Immediately turn pan upside down, placing tube part over neck of funnel or bottle. Let hang, free of table, until cold. Loosen from sides and tube with spatula. Turn pan over and hit edge sharply on table to loosen. Frost with Browned Butter Icing. Decorate with chopped nuts.

BROWNED BUTTER ICING

Keep ¼ cup butter over low heat until golden brown. Remove from heat. Blend in 2 cups sifted confectioners' sugar, 2 tbsp. cream, 1 tsp. cooking oil and 1½ tsp. vanilla. Stir vigorously until consistency to spread. If too thick stir in a little hot water. For more generous icing, double recipe.

For high altitude adjustment see the recipe folder in the Softasilk package.

Make your kitchen bright and gay!

● Touch up your corners, your cabinets, your cupboards, for just a few dollars—with these gay Ransburg accessories.

Sturdy Ransburg *Kitchen Bouquet* accessories are as functional as they are beautiful, strong in service though light in mood. Heavy sheet-steel bodies are deep, roomy, and modern in design with snug-fitting lids. Exciting true Ransburg backgrounds and the rich, freehand painted patterns are refrigerator-type enamel, baked on for permanence.

Start your matched set of Ransburg accessories now. Exclusive, yes, but not costly—write for the names of leading stores near you featuring Ransburg *Kitchen Bouquet*. Harper J. Ransburg Co., Inc., 1234 Barth Avenue, Indianapolis 7, Indiana.

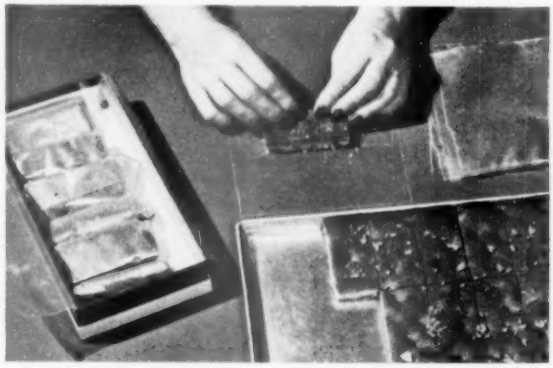
Kitchen Bouquet—26 Ransburg kitchen accessories, each with a freehand painted pattern on these six lively, lovely background colors—

✦ *Bath Bouquet Accessories*—for bath and powder room by Ransburg.

For your cooky jar

Begins on page 110

Spiced Raisin Bars are rich with molasses and spices, raisins, nuts. Cool; sprinkle with confectioners' sugar. They stay fresh and moist



Peanut Crunchies have roasted peanuts stirred into batter. They're good plain, or you can spread them with a cream-cheese frosting

Date Squares are extra quick—no shortening and sugar to cream. Mix graham-cracker crumbs with dates, other ingredients and bake

Recipes on page 126

You're sure of the finest

...when it's GENEVA

You'll delight in the many extras you get in a wonderfully efficient GENEVA steel kitchen—*planned just for you*. The unique Mixer Cabinet—novel "Merry-go-round" corner cabinets that close automatically. "Whisper-quiet" doors and scads of accessories. The ultimate in kitchen beauty and efficiency . . . at a price to fit your budget. Your GENEVA dealer is a specialist in kitchen planning—see him today.

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French's Worcestershire Sauce

for a WOW of a tomato juice cocktail

It's a WOW—this tomato juice cocktail the menfolks go for!

French's Worcestershire Sauce gives it rich new flavor, adds the zip and sparkle that make the WOW the perfect appetizer. Here's how to make a WOW: Add a pinch of salt and pepper, a teaspoonful of French's Worcestershire to each glass of tomato juice—mix well, and serve very cold.

frankly fancy

French-fried potatoes

There's more than one way to cut a French fry! See how to make fancy waffled potatoes, potato baskets, and fluted chips

By Julia Hindley

You can cut most potatoes for French frying with a sharp knife. But in these pictures, you'll see inexpensive vegetable cutters that can do the job faster and more uniformly.

To keep potatoes from sticking together while frying, rinse quickly in a sieve; then dry thoroughly between cloth towels. Excess water lowers the fat temperature, makes the frying time longer, may even make the potatoes soggy. Insufficiently dry potatoes, or too many pieces added at one time, may make hot fat overflow. If this happens, lift basket out quickly, turn heat off.

Paper towels are best for draining French-fried potatoes. Scatter the crisp potatoes over a large area while they cool. Salt just before serving, as salt on potatoes while hot is likely to soften them. Finished French fries may be kept hot on a cooky sheet in moderate oven (350°).

Chips, julienne strips, and potato baskets will keep in moistureproof containers, and can be crisped in oven (350°) in 10 to 12 minutes.

Pictures show you how to cut the potatoes. Directions with each picture tell you how to fry the potatoes.

Plain French-fried and fluted chips

← **How to slice.** Pare large, long potatoes. Trim sides and ends to make even blocks, as shown. With sharp knife, cut lengthwise slices $\frac{1}{2}$ inch thick. Stack several slices together; cut lengthwise in $\frac{1}{2}$-inch strips. Or use special cutter shown right of cutting board (with it you won't need to trim potato first).

How to fry. Wash and dry cut potatoes thoroughly. Cook about 16 pieces at a time in deep, hot fat (370°). Cook 5 to 7 minutes, or until tender and partly browned. Drain; scatter on paper toweling. A few minutes before serving, reheat and brown in deep, hot fat (390°). Cook 2 to $3\frac{1}{2}$ minutes, or until golden brown. Drain, salt, and serve immediately.

How to slice. For plain or fluted chips, cut pared → potatoes into uniform cylinders; cut off ends. Cut with a fluting knife (shown left edge of board). Or notch potatoes lengthwise. Then slice straight across, or slightly on the bias for larger chips. Slices should be $\frac{1}{8}$ inch thick.

How to fry. Wash and dry cut potatoes thoroughly. Fry about 2 dozen chips at a time in deep, hot fat (390°). Cook 3 to 5 minutes, or until golden brown and crisp. Drain; scatter on paper toweling. Salt when cool.

More on page 160

Lunchbox Special...

with that French's flavor!

5 ways to add taste-thrill to lunch box meals with FRENCH'S—
the smoother, creamier mustard men prefer!

1 Eye-filling! Hearty! Delicious! Combine ½ cup grated Swiss cheese, ½ cup ground cooked ham, 1 tablespoon horseradish, 1 tablespoon French's Mustard; 1 tablespoon mayonnaise, salt to taste. Spread on rye bread. Add lettuce, if desired.

2 Mix together ½ can (7 oz.) tuna fish, ½ cup chopped celery, 1 teaspoon lemon juice, 1 teaspoon French's Mustard, 3 tablespoons salad dressing.

3 Mix together ½ cup chopped cooked chicken giblets; 2 slices bacon, cooked and chopped; 4 tablespoons mayonnaise; 2 tablespoons French's Mustard; salt.

4 Blend 2 tablespoons French's into 4 tablespoons butter or cream cheese. Add minced chives or chopped olives.

5 Mix ½ cup chopped hard-boiled egg with 1 tablespoon diced stuffed olives and 2 tablespoons French's Mustard.

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Delectable desserts

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Coffee Float. Sip one of these tall coolers on a sizzling afternoon—and ignore the temperature. Coffee, carbonated water, a big scoop of vanilla ice cream add up to a soda-fountain treat right at home

Seven-minute Frosting. Your beautiful cake gets a beautiful frosting—with a delicate coffee flavor. Looks like a party, and tastes like one, too. A perfect topper for your best chocolate or angel cake

with instant coffee

By Betsy McCracken

Magic Coffee Ice Cream. You start out with vanilla, but end up with coffee-flavored ice cream. The trick is to give each serving a gentle sprinkle of instant coffee. It's simple to fix, but so good. . . .

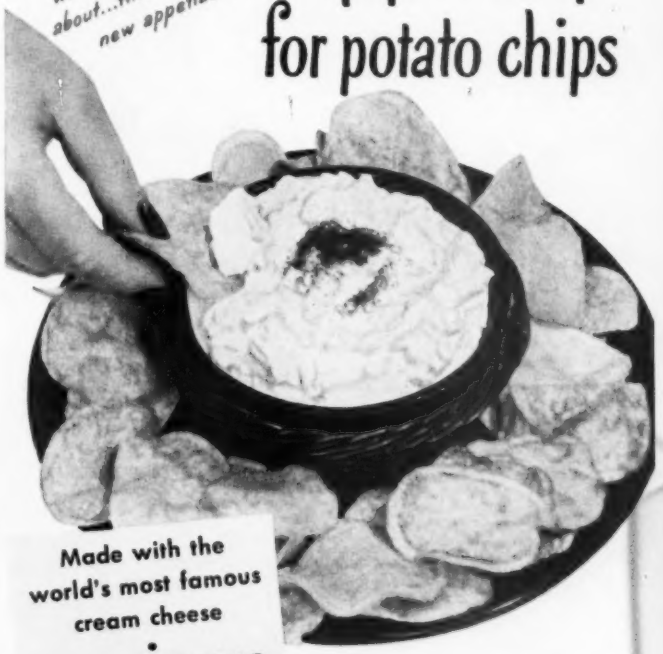
Photographs: Bowman

Coffee Chiffon Pie. A cool beauty to make ahead for a hot-day dessert. The filling's high and airy, coffee 'n' cream color. For a pretty finish, swirl center and circle the edge with California walnut halves

More photographs on next page

Televised... written about... raved about... this sensational new appetizer

A pip of a dip for potato chips



Made with the world's most famous cream cheese

PHILADELPHIA BRAND

The next time you entertain, serve this terrific new variation of cheese 'n' chips. Clip this recipe for Kraft's Clam Dip now.

Rub a mixing bowl with half a clove of garlic. Blend an 8-oz. package of soft, rich Philadelphia Brand Cream Cheese with 2 tsps. lemon juice, 1½ tsp. Worcestershire Sauce, ½ tsp. salt, a dash of freshly ground pepper, ½ cup drained canned minced clams (one 7-oz. can) and ¼ cup clam broth. Place in the center of a large tray and surround with potato chips, crackers or raw cauliflower buds.

You can't *imagine* how good it is. Wait till you *taste* it . . . and hear what your *guests* say!

Look for the red Kraft K. Only Philadelphia Brand Cream Cheese has it on the package!

Other cream cheeses are in similar packages. To pick the real thing at a glance, look for the red K; it's on every package of famous Philadelphia Brand.

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½-LB. saves you as much as 12%

NEW

PHILADELPHIA BRAND CREAM CHEESE WITH CHIVES . . . *A tantalizing new version of that old favorite "Philadelphia"! It's flavor sparked with fresh, chopped chives. Grand for little appetizers or big sandwiches. Note the green-printed package.*

NEW

PHILADELPHIA BRAND CREAM CHEESE WITH PIMENTOS . . . *the same delicate-rich "Philadelphia", with bright red bits of racy pimento added. Sure to be a snack favorite with the entire family. The "pimento package" is printed in red.*

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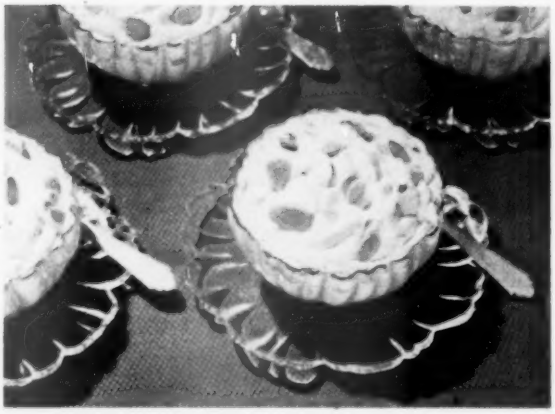
Delectable desserts made with coffee

Begins on page 116



Brazilian Fluff. It's the kind of food that parties are known by. Looks like a special for the ladies, but the men will go for it, too

Mocha-Butter Frosting. For dessert or evening refreshments—little cupcakes all dressed up with a swirl of coffee-flavored frosting. Easy because you can buy the cupcakes or make them with a packaged mix. And because the frosting is simple—needs no cooking

Mocha-Butterscotch Sauce. Trickle generously over big scoops of vanilla ice cream. It's a smooth, luscious sauce with twin flavors—rich butterscotch and coffee. Wonderful served either hot or cold

See recipes on page 121

Dress by Jane Derby *Shown above, Chair Caning Homespun, approx. $14.95 per sq. yd.**

Naturally, you want

the most for your money

...and Firth is designed for beauty that truly *enhances* and quality that *endures*. For newness and verve, you must see Firth's Covered Wagon Homespuns—exciting carpet adapted from the matchless colorings and textures handwoven by pioneer craftsmen. This superb all wool carpeting again proves Firth's fashion leadership and master-craftsmanship. Homespun is made in eight perfect colorings.

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Homespuns shown above, (top to bottom)
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*THE FINEST ALL-PLASTIC COVERING MATERIAL

HOME DECORATION

INFLATABLES

BOLTA-QUILT FOR AUTO SEAT COVERS

Delectable desserts

Continued from page 118

Tips for using instant coffee

To add coffee flavor to one of your favorite desserts: Figure 2 teaspoons dry instant coffee for each cup of liquid. Add it to the dry ingredients before sifting. If your recipe calls for little or no liquid, add 2 teaspoons instant coffee for each cup of flour and sift with other dry ingredients.

When you use a mix (biscuit, muffin, waffle, cake): Dissolve the instant coffee in the liquid called for on the package—2 teaspoons per cup.

Party Pudding: Make chocolate pudding from a package with half evaporated milk and half double-strength coffee. You'll like the rich mocha flavor.

Coffee Topper: Sprinkle instant coffee on top of chocolate meringue pie or over cake with chocolate frosting.

Coffee Custard: Dissolve instant coffee in the hot milk—1 to 1½ teaspoons per cup. Same trick adds delicious flavor to bread and rice puddings.

Coffee Float

½ cup sugar
2 cups water
Dash salt
1½ tablespoons instant coffee
1 pint vanilla ice cream
Carbonated water

Combine sugar, water, and salt. Simmer 5 minutes. Dissolve coffee in hot liquid. Cool thoroughly. Pour into 4 tall glasses. Mix a tablespoon ice cream with coffee mixture in each glass. Fill almost to top with carbonated water. Slip a scoop of ice cream in each.

Brazilian Fluff

1 tablespoon (1 envelope) unflavored gelatine
¼ cup cold water
½ cup hot water
½ cup sugar
1 cup hot milk
1 tablespoon instant coffee
1 cup heavy cream, whipped
½ cup toasted, slivered almonds
½ teaspoon vanilla

Soften gelatine in cold water; dissolve in hot water. Melt sugar in heavy skillet over low heat till clear and medium brown. Remove from heat. Add milk. Stir over low heat till lumps dissolve. Add milk mixture and instant coffee to gelatine. Chill till partially set; beat until frothy. Fold in whipped cream, almonds, and vanilla. Spoon into serving dishes. Chill. Garnish with whole toasted almonds. Serves 6.

Coffee Seven-minute Frosting

2 egg whites
1½ cups sugar
¼ teaspoon cream of tartar
⅓ cup cold water
Dash salt
2 teaspoons instant coffee
⅛ teaspoon cinnamon
1 teaspoon vanilla

Place all ingredients except vanilla in double boiler over hot water. Mix thoroughly. Cook, beating constantly with rotary or electric mixer, until mixture forms peaks, about 7 minutes. Remove from heat. Add vanilla. Beat until mixture is of spreading consistency.

Coffee Chiffon Pie

1 tablespoon (1 envelope) unflavored gelatine
¼ cup cold water
½ cup sugar
1 tablespoon instant coffee
3 well-beaten egg yolks
1 cup water
¼ teaspoon salt
3 stiff-beaten egg whites
½ cup sugar
1 teaspoon vanilla
1 10-inch baked pastry shell

Soften gelatine in cold water. Sift together ½ cup sugar and coffee; beat into egg yolks. Gradually stir in water and salt. Cook over boiling water 5 minutes, stirring constantly. Add gelatine; stir till dissolved. Chill till mixture slightly thickens. Gradually beat remaining ½ cup sugar into egg whites. Stir in vanilla. Fold into coffee-gelatine mixture. Pour into baked 10-inch pie shell. Chill. Garnish with California walnuts.

Mocha-Butter Frosting

¼ cup butter
Dash salt
1 cup sifted confectioners' sugar
1 egg yolk
1½ teaspoons instant coffee
¼ teaspoon vanilla
¾ cup sifted confectioners' sugar
1 tablespoon top milk

Cream butter; add salt. Beat in 1 cup sugar gradually, blending well after each addition. Mix in egg yolk, instant coffee, and vanilla. Add ¾ cup sugar alternately with milk, beating well, until mixture is of spreading consistency. Frosts 18 cupcakes.

Mocha-Butterscotch Sauce

2 tablespoons instant coffee
½ cup brown sugar
½ cup water
1 cup light corn syrup
¼ cup butter or fortified margarine
⅛ teaspoon salt
⅓ cup evaporated milk
½ teaspoon vanilla

Combine first six ingredients. Cook over low heat to soft-ball stage (236°). Remove from heat; cool slightly. Add milk and vanilla. Serve hot or cold. Makes 1¾ cups.

Recipe for silver wedding cake

Old hopes, old dreams, old friends, old joys,
Old quarrels, old bills, old griefs, three boys;
Full measure of life to give it flavor,
A dash of wit to add the savor.
Bake twenty-five years in a slow oven;
Serve it warm, sprinkled with lovin'.

—*Shirley Georgi*

Double-duty Beauty... your Chromcraft DINETTE

A beauty for looks...a beauty that can take long hard wear. Chromcraft's worry-free Consoweld plastic top resists burns and stains. There's real comfort, too, in the Rubberized hair Tufflex-padded chairs upholstered in Masland Duran or Textileather plastic that stays bright as new for years. For added joy, a damp cloth keeps it sparkling clean. Exciting decorator colors in mother-of-pearl and wood grain patterns.

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Space-saving beauty. Table T-139, four C-23 chairs. Closed 30" x 18", extends to 30" x 48".

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It's yours for the asking! Send for our authoritative Color Planorama that shows room colors in proper combinations, together with new Chromcraft Dinette Styles in full color. You'll agree that a Chromcraft is the perfect answer to modern living, and the Planorama will help you to place it in its proper setting.

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O dear, O dear,

if you only knew

Please read on. . . . Then you'll understand Tampax better and if this leads you to adopt Tampax for monthly sanitary protection you will be well rewarded. Millions of women now enjoy blessed relief on those "difficult" days—relief from the annoyances of belts, pins and external pads. For Tampax is an internal absorbent—worn internally—unseen and unfelt when in use.

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Accepted for Advertising by the Journal of the American Medical Association

How to use accessories with patterned wallpaper

When you use patterned wallpaper, the use of accessories often becomes a major problem. Unless you practice discrimination, they seem either to clutter the room or get lost in the wallpaper pattern.

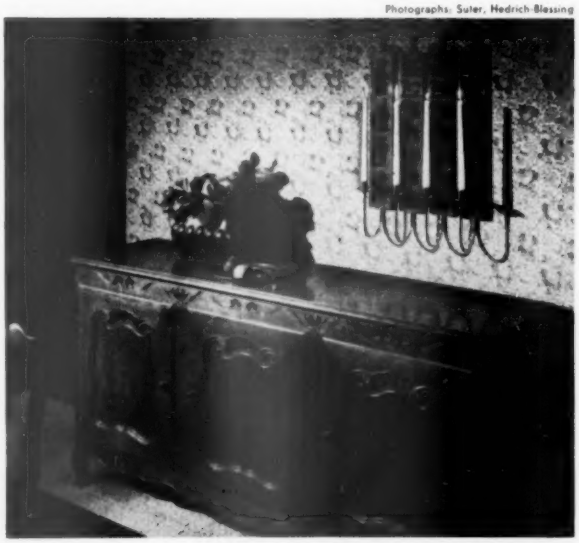
If yours is a big, eye-catching wallpaper pattern, you don't need accessories. If the pattern is small, you can use bold accessories against it.

de Gennaro

Closely blended, quiet wallpaper is used in small breakfast nook at the S. M. Wolf home. The mirror doesn't get lost in the pattern. Note that by keeping other accessories plain, the Wolfs have used bold, heavy plants effectively. Wallpaper pattern is repeated on shirred valance, seat cover. Architect: Gerard Colcord, A.I.A.

Conversation-piece wallpaper is used in this small dinette in the E. T. Shepard home, Wilmette, Illinois. There are no pictures, mirrors, or other accessories to confuse the interesting pattern. A little of the paper goes a long way, however, so chair-high dado, painted to match paper background is used to stop the pattern. Decorator: Marion Heuer

Photographs: Suter, Hedrich-Blessing



Bold accessories, but disciplined in outline, are used against small pattern background. The candle sconces are made by adding brass candleholders to old wood cooky molds. The four tall separate holders become effective when grouped together to get off-center balance with big bowl of fruit. The decorators were Lubliner and Himmel, for the Milton Gray's, Highland Park, Illinois

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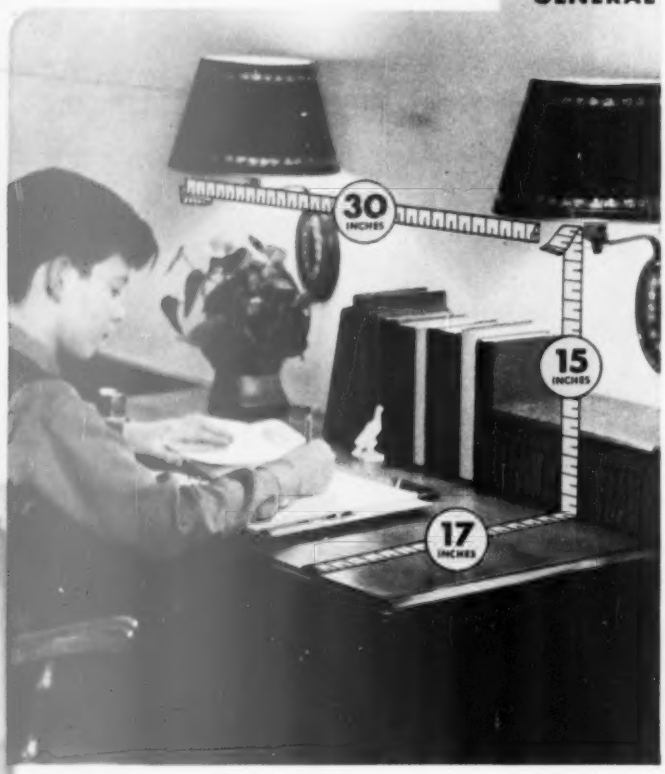
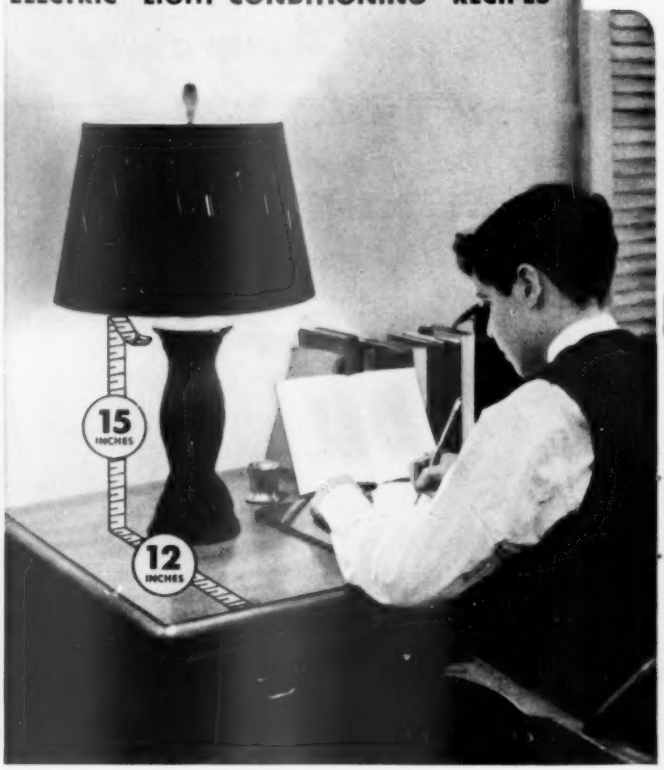
GENERAL ELECTRIC "LIGHT CONDITIONING" RECIPES





Two ways to brighten a book . . . and a boy!

"The way to improve Jimmy's marks, we'd always figured, was just to keep his nose to the grindstone. And try not to grumble when we had to place ours there, too—to help him find a state capital that kept getting lost or check a column of figures that wouldn't add.

"But then we made a great discovery: a boy doesn't study with his nose—he uses his *eyes!*

"When we discovered Light Conditioning we found we could not only brighten Jimmy's books, but Jimmy, too—by reducing eyestrain, fatigue and distraction."

Light Conditioning tells you exactly what size and type of bulbs to use in your lamps and fixtures, and how to locate them to get the right light for every seeing task.

It does it all in 22 easy-to-follow recipes in a new General Electric booklet, "*See Your Home in a New Light.*"

The recipe at left above, for example, calls for two pin-up lamps placed as shown by tape measures, each with a G-E 100-watt White "Q-coat" bulb. Recipe at right above recommends 50-100-150 watt 3-lite bulb (or, for some table lamps, 150 watt bulb or 150 watt White Indirect-lite bulb).

NEW WHITE BULB (shown right above beside standard bulb and used in pin-up lamp recipe) has new inside "Q" coating that gives near-perfect diffusion. Shadows are softer, glare reduced. 100-watt . . . . . 21c plus tax

GET LIGHT at low cost with General Electric 150-watt lamp bulbs in table lamps. Use with diffusing bowl. Also for use in kitchen ceiling fixtures to give you lots of light. 150-watt . . . . . 20c plus tax

RECENT IMPROVEMENTS in G-E fluorescent lamps make them a bigger value than ever. More efficient, longer lasting, with better color and uniformity, less end-blackening.

STOP BULBSNATCHING—Don't rob one socket to fill another. G-E 4-lamp package makes it easy to keep spare bulbs on hand. Four 60-watt lamps (halls, closets) 56c. Four 100-watt (reading, general lighting) 64c plus tax

FREE! NEW "LIGHT-CONDITIONING" RECIPE BOOKLET Shows 22 "Light-Conditioning" recipes. Covers every room. Specifies bulb sizes, fixtures, measurements. Write Lamp Division, General Electric, Department 166-BHC9, Nela Park, Cleveland 12, Ohio.

You can put your confidence in—

GENERAL ELECTRIC

There's no price tag on originality!

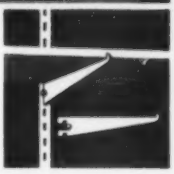
By Ruth W. Lee

We invite you to inspect this home as a place especially planned to cut down on housekeeping chores. Simplicity is the keynote. Furnishings are contemporary, with the floors and rest of background planned for easy upkeep.

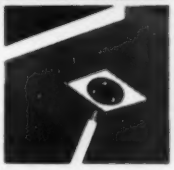
Mr. and Mrs. William E. Peters, Jr., say their Highland Park, Illinois, house is just right for their family of four. Convenient built-ins help take care of the clutter. But perhaps the most surprising thing in the home is the fact that many of the expensive-looking furnishings are low-cost or homemade. They were all the easier to fit into the decorative scheme because of their simplicity of design. Take those adjustable brackets used for storage and bookshelves all through the house, for instance. The brackets come in many sizes; they're easily adjustable for all kinds of units.

If you like uncluttered living, we know you're going to like these ideas from the Peters' home. They're down to earth and easy to copy for use in your own home. Ernst A. Benkert was their architect.

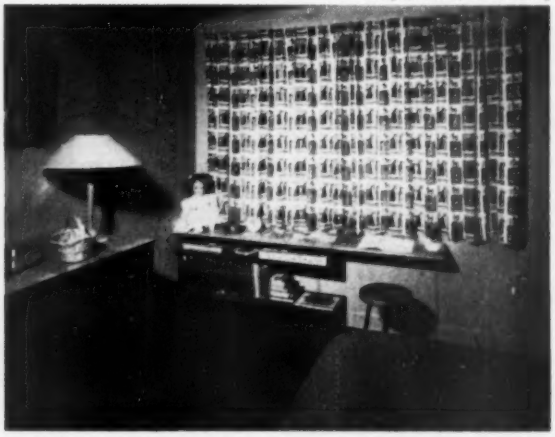
Open bookshelves form an interesting wall pattern. They're simply black-painted wood shelves fastened to adjustable brackets on a vertical aluminum rod. Attach metal strips to studs only. Insert arm into slots and tighten



Red sofa is flanked by homemade side table and coffee table. They're of natural mahogany plywood with metal pipe legs. Pipe is screwed into flange which is attached to block of wood. Use long screws to attach wood to underside of table



Photographs: Suter, Hedrich-Blessing



Metal bracket shelf idea is repeated in daughter Suzanne's bedroom. Chest of drawers at left is a rejuvenated high bureau. Legs were removed and a new top of natural birch added. Aluminum drawer pulls complete face-lifting

More on page 267

Only SIFTER that comes apart to wash

THE FOLEY 5-CUP SIFTER has a removable single screen that's guaranteed to *sift as fine as triple screen.* Of feather-weight aluminum with a spring-action handle. You'll sift even large amounts of flour with one hand . . . keep the other hand free for mixing. **$1.49**

THE FOLEY 1-CUP SIFTER has a cone-shaped bottom that directs flour right into your measuring cup. No scattering! Of light-weight aluminum with spring-action handle. Stores conveniently in flour canister. **89¢**

NEW RECIPE BOOKLET— Send for "*Foley Shortcuts with Favorite Foods.*" It's a brand new booklet full of time-saving recipes including a thrifty, new baking mix you'll use 27 different ways. Send name, address, plus only 10¢ to: Foley Mfg. Co., 3459 N.E. 5th St., Minneapolis 18, Minn.

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Cooky bars

Continued from page 112

Peppermint Brownies

- ⅓ cup shortening
- ½ teaspoon vanilla
- 1 cup sugar
- 2 well-beaten eggs
- 2 squares (1 ounce) unsweetened chocolate, melted
- ⅔ cup enriched flour
- ¼ teaspoon salt
- ⅓ cup chopped California walnuts
- ¼ cup chopped raisins
- 1 tablespoon cream or top milk

Thoroughly cream shortening, vanilla, and sugar; add eggs; beat well. Stir in chocolate. Stir in sifted dry ingredients. Add nuts and raisins. Stir in cream. Spread in 2 waxed-paper-lined 8-inch square cake pans. Bake in moderate oven (350°) 20 minutes. Cool. Put layers together with **Peppermint Cream:** Combine 1 tablespoon hot milk, 1 teaspoon butter, ¼ teaspoon peppermint flavoring, 1 cup sifted confectioners' sugar. Beat thoroughly.

Spiced Raisin Bars

- ½ cup melted shortening
- ½ cup light molasses
- 2 well-beaten eggs
- ¾ cup enriched flour
- ½ teaspoon salt
- ½ teaspoon soda
- ½ teaspoon cinnamon
- ½ teaspoon nutmeg
- ¼ teaspoon cloves
- 1 cup chopped California walnuts
- 1 cup raisins

Combine shortening, molasses, and eggs. Mix well. Stir in sifted dry ingredients. Stir in nuts and raisins. Then pour into greased 13x8-inch cake pan. Bake in moderate oven (350°) 25 minutes. Cool. Cut in bars. Sprinkle with confectioners' sugar.

Lollipops

- ¼ cup butter or fortified margarine
- ½ pound marshmallows (about 2½ dozen)
- ½ teaspoon vanilla
- 1 5½-ounce package crisp rice cereal

Cook butter and marshmallows over hot water until thick and syrupy. Add vanilla; beat thoroughly. Put cereal in large, greased bowl; pour marshmallow mixture over cereal, stirring briskly. Press into greased, shallow pan. Cool. Cut with fancy cooky cutters for party favors, or cut into 3-inch squares and insert sucker sticks.

Peanut Crunchies

- ½ cup shortening
- 1 cup brown sugar
- 2 beaten eggs
- 1 teaspoon vanilla
- ¼ cup light cream
- 1 cup enriched flour
- ¼ teaspoon salt
- 1 teaspoon baking powder
- ⅔ cup shelled, roasted peanuts (unsalted)

Thoroughly cream shortening and sugar; add eggs and vanilla; beat well. Add cream, then sifted dry ingredients. Stir in peanuts. Bake in greased 13x9½-inch pan in moderate oven (350°) 30 minutes. Cut in strips and top with chopped peanuts, or cool and spread with Cream-cheese Frosting. Makes 2 dozen. **Cream-cheese Frosting:** Soften 1 3-ounce package cream cheese with ¼ cup top milk or cream; add 2½ cups sifted confectioners' sugar and 1 teaspoon vanilla. Beat thoroughly.

Ginger Creams

- ½ cup sugar
- ½ cup light molasses
- ½ cup shortening
- ¼ cup water
- 2 beaten eggs
- 2 cups enriched flour
- Dash of salt
- ½ teaspoon soda
- ½ teaspoon cinnamon
- ½ teaspoon nutmeg
- ¼ teaspoon ginger

Combine sugar, molasses, and shortening; heat to boiling over low heat; cool. Add water and eggs; beat well. Stir in sifted dry ingredients. Spread in greased 13x9½-inch pan. Bake in moderate oven (350°) 25 minutes. Frost with confectioners' frosting. Cut in squares or bars. Makes 2 dozen.

Date Squares

- 1¼ cups graham-cracker crumbs
- ½ teaspoon baking powder
- 2 well-beaten eggs
- ½ cup peanut butter
- ⅔ cup dark corn syrup
- 1 cup chopped dates

Combine the graham-cracker crumbs and baking powder. Add eggs, peanut butter, and corn syrup; mix well. Add dates. Pour into greased 8-inch square pan. Bake in moderate oven (350°) 30 minutes. Cut into squares while still warm.

Fig Bars

- 3 well-beaten eggs
- ¾ cup sugar
- 1 cup enriched flour
- ⅛ teaspoon salt
- 1½ teaspoons baking powder
- 1 teaspoon vanilla
- 1½ cups chopped dried figs
- 1 cup chopped California walnuts

Beat eggs with sugar until very thick. Add sifted dry ingredients. Add vanilla, figs, and nuts. Bake in greased 15½x10½-inch pan in moderate oven (350°) 20 minutes. Cut in bars while still warm.

PACKAGING FOOD FOR *freezing?*

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says Mrs. R. A. Wolkow Omaha, Nebraska

Mrs. Wolkow says, "Sealright Thermorex makes packaging easier because there's no setting-up, funneling, or heat sealing. I've actually been able to cut my packaging time in half!"

Cover goes on easily . . . stays on in freezer

Just fill Thermorex . . . and replace the sanitary cover!

Even holds hot liquids without leaking

Special built-in liner prevents leaking while packaging or thawing. Also *locks in* flavor . . . *locks out* other odors.

Comes in variety of sizes

Pints, quarts, 3-pints, half-gallons and special family size 5 lb. containers . . . packed in sanitary, dustproof bags of 6, 8, 12 or 24. Get them at your Locker Plant, neighborhood or Department Store.

Send 10¢ for new booklet "Enjoy Your Own Frozen Foods". Address Sealright, Dept. BH-9.

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Sealright

THERMOREX CONTAINER

for home and locker plant freezing

Transition

Our house is new! The walls
are clean!
The paint is fresh, the lawn is
green,
The floors are smooth, the
baseboards shine—
And, oh, this lovely house is
mine!

Someday the pipes will start
to rust,
Small fry will turn the lawn
to dust,
The roof will sag, perhaps the
door,
And youngsters' feet will scuff
the floor.

The styles will change and
here's our fate:
They'll say our house is
out of date.
The gleam will leave the tile
and chrome—
And *then* our house will be a
home!

—*Evelyn Amuedo Wade*

6 nice things that happen to you...

when you own a dependable General Electric Food Freezer!

1. Buy in large quantities! You can buy and freeze food in large quantities when there's a special sale . . . or when certain items are in season . . . and enjoy it months later.

Many G-E Food Freezer owners report they save money every year on food costs!

2. Shop at your leisure! You can store up to 389 pounds of frozen foods in a spacious 11-cu-ft G-E Food Freezer . . . meat, fish, vegetables, fruits—even soup, pies, cake!

With all this food at your elbow, you don't have to shop unless you feel like it!

3. Treats from your garden—all year! You can have your own corn, strawberries, peas, asparagus, whenever you want them.

No more weeks of gorging oneself . . . and months of hankering! A G-E Freezer gives you an all-year garden right in your kitchen.

4. Food preparation time cut in half! No more cleaning, picking, washing of meats, fruits, and vegetables just before mealtime.

When you own a timesaving General Electric Food Freezer, you can prepare a wonderful meal out of your freezer in 30 minutes or less.

5. Fish and game when you want them! That luscious game and fish that come into your home need not be eaten all in one sitting!

You can place your game and fish in your G-E Freezer and enjoy them when you want them! (Depending, of course, on game laws.)

6. Gone are old-fashioned preserving methods! No arduous hours over a hot stove!

You simply select a moisture-vaporproof wrapping or container; prepare foods according to simple directions; label and place in freezer. *That's all there is to it!*

This dependable Freezer holds 389 pounds!

THIS G-E FREEZER has all the convenience features you'll want in the freezer *you* buy.

It has *Perfect Seal* cabinet construction. It is equipped with Fiberglas insulation, locking latch, interior flood light, and temperature-indicating light.

There are 3 convenient baskets, one *wide* enough for large pies. The lids are counterbalanced to permit fingertip lifting, and there's even a separate compartment for packaging materials!

Invest in dependability! General Electric Freezers have the same sealed refrigerating system as that used in G-E Refrigerators. *More than 2,700,000 of these reliable systems have been in service in G-E Refrigerators 10 years or longer!*

See the remarkable G-E Food Freezers at your G-E dealer's. General Electric Company, Bridgeport 2, Conn.

Trim and specifications subject to change without notice.

GENERAL ELECTRIC

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NEW ScotTowels
– so strong when wet

YOU CAN USE THEM LIKE A CLOTH!

SCOUR BREADBOX – inside and out – with ScotTowels. So pliable, they get into corners *easily*. And so *strong* when *wet*, they do *dozens* of household chores with cleansers, polishes, soap.

FLOUR MEATS AND FISH on fresh, clean ScotTowels. Then throw used towels away – and you're rid of messy clean-up jobs in just one motion. ScotTowels save you *work* and save you *time!*

WIPE MILK BOTTLES with fabric-soft ScotTowels before storing. Spotless ScotTowels *whisk* off dirt – help keep refrigerator clean, help protect health. Scott Paper Company, Chester, Pa.

SOFT-TUFF PROCESS
keeps them soft, absorbent

150 SCOTTOWELS TO A ROLL

"SCOTTOWELS", "SOFT-TUFF" REG. U. S. PAT. OFF.

Here are bedspreads that can take it

By Helen Stark

This brick red bedspread with its lines of green would add cheeriness to any guest room. The green is repeated in dark green mats of the print-and-leaf pattern of the chintz chair covering. The spread and matching draperies are washable, as is the rug with its harmonizing geometric design

The imaginative pattern of these spreads will entertain the young girl or boy in the 5-to-12-year age group. In this young girl's room, a white dust ruffle trimmed with green and gold rickrack to harmonize with the green, gold, and white spread was tacked to the inside of the bed frame

Bedspreads to fit any color scheme are yours for the shopping. The nice part about it is that these attractive, up-to-date spreads are as easy to take care of as your sheets and pillowcases. Just put them in the washer, and they come out as sparkling bright as they were the day you first used them. They're wrinkle-resistant, too.

Matching draperies are available with many of them. Using them together gives your home a well-planned, unified look. You'll be pleasantly surprised, too, when you discover the wide selection available to you at "fire-sale" prices.

Here are four rooms that make effective use of bedspreads that can take it. Imagine how they could brighten up rooms in your own home!

Photographs: Howland

Bedspread and dressing-table skirt ensemble will look fresh and pretty after many washings. Back panel of Regency bed has been replaced with material matching blue of spread and wallpaper behind bed. The attractive dressing-table skirt was made by cutting down a pair of matching draperies

This plaid spread with matching draperies fits right into a room planned for a young man interested in world affairs. The spread pictured is red, white, and blue with red fringe. The blue repeats the color of the walls. Even with everyday use, spread can take it on twice a year cleanup

Where to get it, page 295

Easy way to feed your child

USE INEXPENSIVE

DIXIE CUPS

- for between-meal drinks
- for children's milk
- for fruit juices, soft drinks

so time-saving!

Work-saving Dixies leave busy mothers more time for vital Civilian Defense and Red Cross activities! Protect health, too—keep working members of family on their jobs!

so handy!

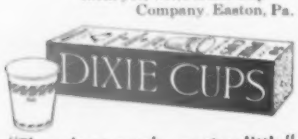
Perfect for after-school snacks, quick lunches, at bed-time, too . . . no glasses to wash, break, or litter your sink . . . nothing to clean-up!

so economical!

Big new *economy-size* boxes of paper Dixie Cups now mean low-cost health-protection for busy mothers.

so easy to use!

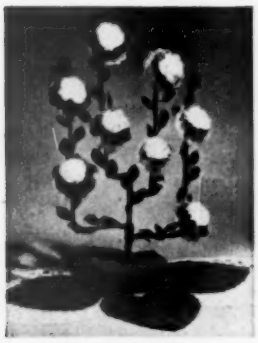
Smart new crystal-clear Home Dispenser mounts easily on any wall. Dixie Cups and Dispensers *specially priced today* at most stores. If your favorite dealer doesn't have them yet, write Dixie Cup Company. Easton, Pa.



"They do so much...cost so little"

Hang your gifts on a cheerio tree

By Fae Hourley



For a company dinner. Make the branches from coat-hanger wire. Wrap with green plastic flower tape. Wire artificial leaves and red and white carnation corsages to the tree

Here's an idea for a clever centerpiece you'll use over and over to celebrate special occasions.

Make a cheerio tree—see directions below. Then load the tree with appropriate trinkets—smoking accessories for Dad, crisp dollar bills when Brother goes away to college, hair ribbons for pig-tailed Sister, or holiday favors. You'll think up special ideas for the celebrations at your house. The pictures are only a starter.

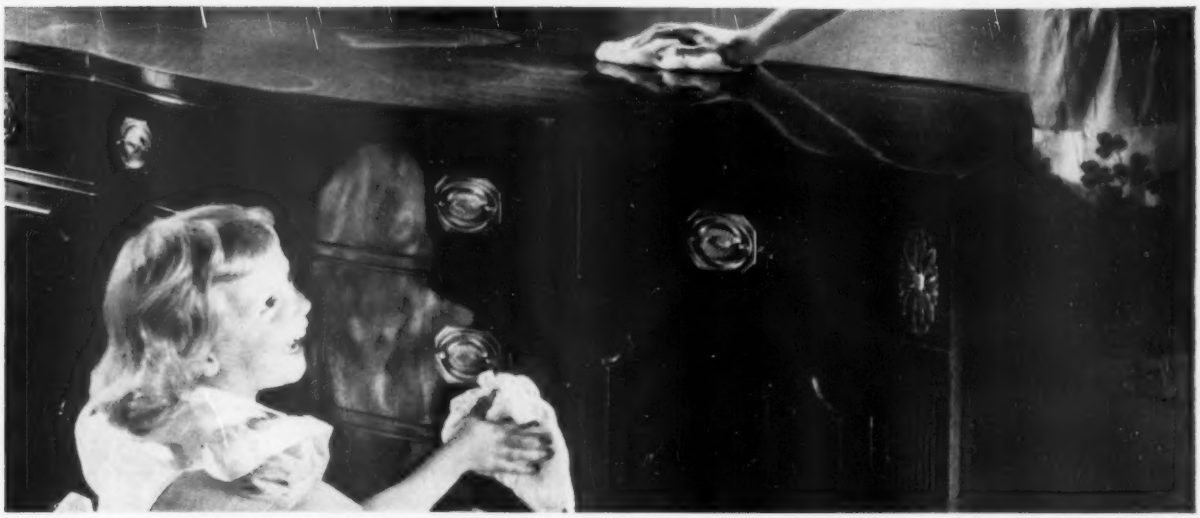
How to make a cheerio tree

Cut a sturdy branch from a tree in your yard or buy a gnarled Ming tree branch from the florist's. You can paint the branch or leave it a natural color. If branch is heavy, put it through a tight-fitting hole in the top of a box. Nail the base of the branch to a flat board hidden by box so tree will stand securely. Paint the box or cover it with gold or silver paper. Select small gifts that suit the occasion; tie gifts on the branches.

For a handkerchief shower. Collect handkerchiefs ahead of time; shape into petals. We used two dozen handkerchiefs, six in each of the three flowers, plus three for the top bud and three for the petals at base

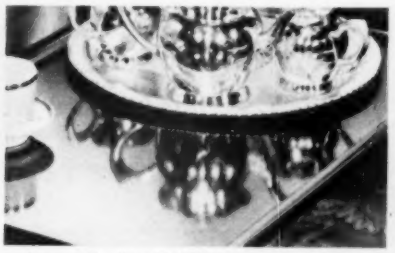
For a birthday party. Load the cheerio tree with toys and candy. Buy an assortment of small gifts from the dimestore. Tie to the branches with gay ribbon. The airplane is held aloft by a wire wrapped with ribbon. A cheerio tree makes a gay surprise for a shut-in child. Instead of tying candy to the tree, plan to give some toys the child can play with in bed

Now... a few easy wipes make furniture shine like a mirror!



This un-retouched photo shows how O-Cedar Dri-Glo—the new, non-oily silicone polish—makes furniture shine like a mirror. Just smooth on Dri-Glo and let it dry. Then, with a few easy wipes, you give your furniture a lovely luster that lasts for months. And that's not all . . .

Hot coffee won't mar Dri-Glo's protective, long-lasting silicone shine.



Dust can't cling. Dri-Glo's smooth surface is easy to dust as a glass-topped table.

Sticky finger prints wipe off easily with a damp cloth—the luster is bright as before.

Dri-Glo removes most surface dirt.

98c bottle of Dri-Glo shines all furniture in average 6-room home.

O·Cedar dri·glo 98¢

Big 6-Room Size

O-Cedar Corp'n
Chicago, Illinois

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A NON-OILY SILICONE POLISH
by the makers of the famous O-Cedar Sponge Mop

Guaranteed by Good Housekeeping

GUARANTEE! Your money back if you aren't completely satisfied Dri-Glo lives up to *every* claim made for it here.

Thinking
Inventing
Building TO MEET THE COUNTRY'S TELEPHONE NEEDS

The responsibility of the Bell System does not consist of merely supplying good telephone service today. We have to be always creating so that the service grows better and better.

THE CALL FOR PROGRESS

This process of creation can never stop, for the country's telephone needs are continually changing and increasing. So we must always be thinking ahead and inventing ahead and building for the future. This is what the country looks to us to do and we are doing it. It is especially important in these days of national defense.

The pre-eminence of telephone research and manufacturing reflects a dynamic policy and point of view throughout the business. The people needed to come up with new ideas and put them into action are constantly being encouraged and given opportunity.

We shall continue to meet the challenge of the future and do our full part, always, to advance the welfare, the strength and the security of the United States of America.

BELL TELEPHONE SYSTEM

Party desserts

Begins on page 88

Pineapple Chiffon Cake

2¼ cups cake flour	5 unbeaten egg yolks
1½ cups sugar	¾ cup unsweetened pineapple juice
1 teaspoon salt	1 cup egg whites
3 teaspoons baking powder	½ teaspoon cream of tartar
½ cup salad oil	

Sift dry ingredients into mixing bowl; make a well in dry ingredients. Add salad oil, egg yolks, and pineapple juice in order given. Beat until satin-smooth. Combine egg whites and cream of tartar in large mixing bowl. Beat until they form very stiff peaks (stiffer than for meringue or angel cake). Fold egg-yolk batter gradually into egg whites. Bake in 10-inch tube pan in moderately slow oven (325°) 55 minutes, then in moderate oven (350°) 10 minutes. Frost cool cake with **Pineapple-Butter-Cream Icing:** Cream ½ cup butter or fortified margarine and 4 cups sifted confectioners' sugar. Stir in 6 tablespoons well-drained crushed pineapple and 1 to 2 tablespoons pineapple juice. Beat thoroughly. Spread on top and sides of cake. Decorate with half pineapple slices and maraschino cherries as shown on page 89. Fresh ivy leaves are tucked around base of cake.

Walnut Torte

½ cup shortening	1 cup enriched flour
½ cup sugar	Dash of salt
½ teaspoon vanilla	2 teaspoons baking powder
4 egg yolks	⅓ cup milk

Cream shortening, sugar, and vanilla; add egg yolks, one at a time, beating well after each addition. Add sifted dry ingredients alternately with milk. Pour into 2 waxed-paper-lined 8x2x2-inch layer-cake pans. Spread with Walnut Meringue. Bake in moderate oven (300°) 1 hour. Cool. Put together; frost with Chocolate Whip. **Walnut Meringue:** Combine 4 stiff-beaten egg whites, ⅛ teaspoon cream of tartar; gradually add ¾ cup sugar; beat until glossy and sugar is dissolved. Fold in ¾ cup finely chopped California walnuts. **Chocolate Whip:** Add ⅓ cup cocoa and ½ cup sugar to 1½ cups heavy cream. Let stand 1 hour in refrigerator; beat stiff.

Cranberry Sherbet

2 cups cranberries	1 teaspoon unflavored gelatine
1¼ cups water	¼ cup cold water
1 cup sugar	Juice of 1 lemon

Cook cranberries in 1¼ cups water until skins pop. Press through sieve; add sugar and cook until sugar dissolves. Add gelatine softened in cold water; cool; add lemon juice. Freeze firm in refrigerator tray. Break in chunks; beat smooth with electric or rotary beater. Return quickly to *cold* tray. Freeze firm. Serves 4 to 6.

Ambrosia

In a cool crystal bowl, group banana slices, peach halves, juicy grapes, orange sections sprinkled with coconut, maraschino cherries on the stem. Pour ½ cup orange juice over bananas and grapes. Look at the picture on page 88. Double-decker bowl has pretty blossoms and bunches of grapes in the top deck.

Silver Layer Cake

2¼ cups sifted cake flour	½ cup shortening
4½ teaspoons baking powder	1 cup skim milk
1 teaspoon salt	1 teaspoon vanilla
1½ cups sugar	4 egg whites (½ cup)

Sift dry ingredients together into mixing bowl. Add shortening, ⅔ cup milk, and vanilla. Beat vigorously 2 minutes. Add remaining ⅓ cup milk and unbeaten egg whites. Beat 2 minutes. Pour into 2 round paper-lined 8-inch layer cake pans. Bake in moderate oven (350°) 30 to 35 minutes.

Seven-minute Frosting

2 egg whites	⅓ cup cold water
1½ cups sugar	Dash of salt
1½ teaspoons light corn syrup or ¼ teaspoon cream of tartar	1 teaspoon vanilla

Place all ingredients except vanilla in double boiler; mix thoroughly. Cook, beating constantly with rotary or electric beater until mixture forms peaks, about 7 minutes. Remove from heat; add vanilla; beat until spreading consistency. Sprinkle top of cake with pink coconut. **To tint coconut:** Half-fill a small glass jar with coconut. Dilute food coloring, a drop or two to 2 tablespoons water. Add the colored water to jar; shake till coconut is tinted. Spread on paper toweling to dry.

Burnt-almond Sponge

Soften 1 tablespoon (1 envelope) unflavored gelatine in ¼ cup cold water; dissolve in ½ cup hot water. Add ½ cup sugar caramelized and blended with 1 cup hot milk. (**To caramelize sugar:** Put sugar in skillet over medium heat. Stir constantly until melted and a rich amber color.) Chill until partially set; beat until frothy. Fold in 1 cup heavy cream, whipped, ½ cup toasted, slivered almonds, and ½ teaspoon vanilla. Chill. Turn into serving dishes. Poke full of whole toasted almonds. Spin burnt-sugar syrup over top. See directions below. Serves 6.

To make crackly burnt-sugar topping: Place ¼ cup sugar in small skillet over medium heat. Stir constantly until melted and a rich amber color. Let cool slightly—until it spins a thread from the spoon. Now take small spoonfuls of the syrup and spin one over each dessert.

MEMO

Don't forget to pick up extra ice for tonight!

All you want!

When you want it!

Convenient!

Inexpensive!

Extra ice means *extra* sparkle in the drinks . . . *extra* enjoyment for the guests. Ice Cubes, Crushed Ice or Block Ice are readily available at convenient Ice Vending Machines or Ice Stations. Consult your classified telephone directory or phone your local Ice Company for the address of the one nearest you.

Be Sure to

GET PLENTY

of Genuine*

ICE

* Genuine ice is the pure, crystal-clear, taste-free, hard-frozen, slow-melting kind supplied *exclusively* by your local Ice Company.

BETTER HOMES & GARDENS

GUARANTEES

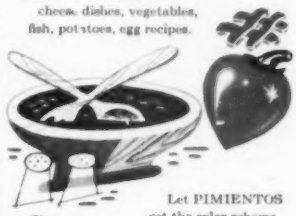
your money back or replacement if you buy any article of merchandise that is not as advertised therein.

MAKE ALL THE DIFFERENCE

Happiest idea on the pantry shelf—it takes no time, no trouble. In a matter of minutes you can embellish a meat, brighten a casserole, enliven a salad with the brilliant color and spicy flavor of WHOLE RED PIMIENTOS. Their generous use turns everyday menus into festive meals.

Decorative PIMIENTOS are more than a garnish—they're a delicious vitamin-filled food. Chop, strip or use them whole inside the meat loaf.

PIMIENTOS dress up casseroles of all kinds—bake them with cheese, dishes, vegetables, fish, potatoes, egg recipes.



Let PIMIENTOS set the color scheme for party salads and sandwiches. Serve more tempting left-overs, too.

PRETTIEST idea on the pantry shelf

JARS OR CANS OF

WHOLE RED PIMIENTOS

ASSOCIATED PIMIENTO CANNERS

NOW! HEAVY CLEANING in "Tidy-Up" Time!

Get the all-new SINGER with exclusive Dual Suction

Dual Suction does it! The wonderful new SINGER* Vacuum Cleaner is the first to bring you two fans . . . for dirt-getting action so gentle—yet so powerful—that you get "heavy cleaning" results quickly. *A SINGER exclusive!*

ONLY $5 A MONTH

After minimum down payment. Liberal allowance on your present cleaner.

Easier to use! All controls within finger-tip reach right on the handle. Two speeds.

No winding of cord. Press control button on handle, cord reels in automatically.

No foot-pedal acrobatics. Touch trigger with finger. Adjust handle to any position.

Easily gets under beds and furniture. Housing just only 3 inches high. "Floating" brush self-adjusts to rug thickness.

No dust bag to empty! Take out disposable bag in a jiffy. Throw away in trash. Insert new disposable bag in jig time!

So easy to store. Cleaner hangs flat against wall. Requires no floor space. Has convenient carrying handle.

SINGER Vacuum Cleaners are sold only through . . .

SINGER SEWING CENTERS

THERE'S ONE NEAR YOU TO SERVE YOU

BONUS OFFER! The famous SINGER Course in Home Sewing is freely given at no extra charge to the purchaser of this new SINGER Vacuum Cleaner.

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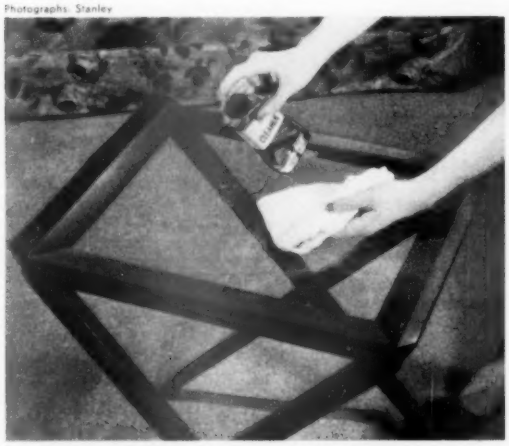
Good tops deserve top-notch care

By Katherine Nelson

How to keep your coffee table, dining-room table, kitchen counters looking their best with good cleaning, waxing, and polishing

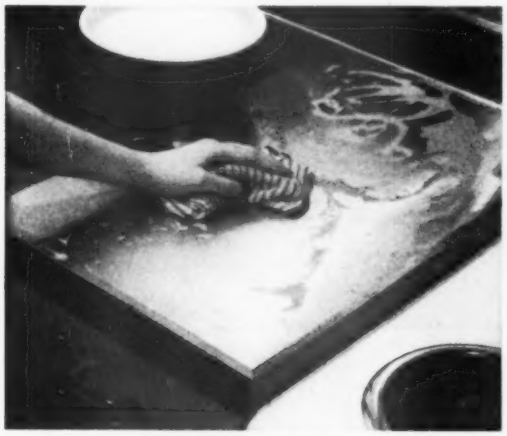
Coffee-table top. Take a few seconds a day to whisk off the dust. Table top will look spick-and-span any time a friend drops in to see you. And you'll never have a film of dust that can scratch or dull the finish. Clean, lintless cloth or special paper quickly picks up dust. Or use the dusting-brush attachment of your vacuum cleaner

Photographs: Stanley



Glass table top. Take off fingerprints and smudges with a good window cleaner. The cleaner shown goes on in a fine spray. Polish table immediately with a clean, dry cloth. Shine protective glass over a wood table or desk top the same way. It's a good idea to put a thin felt pad under each corner of the protective glass. Pads will raise glass enough off the table to make a little space for air to circulate

Dining-room table top. Let paste wax protect a top that gets hard wear. This wax comes in furniture colors, will hide tiny scratches. Remove soil and surface stains from a small area at a time with a damp cloth. Wipe dry. Then apply a thin coat of wax to a small area at a time. Polish to a hard, glowing finish with a soft, dry cloth



Stainless-steel counter top. True to its name, it doesn't mar, even when you set hot pans or casseroles on it. So just a quick cleaning with soapy water will make this counter top sparkle. Polish it with a soft, dry cloth to bring up the luster. For a special shine, go over stainless steel with waxlike glass cleaner or mild cleanser

Wooden counter top. Here's how to prevent unfinished wood from discoloring and cracking. About every three months, warm a little salad oil and rub it on the counter top. Let oil stay on overnight. The next morning, wipe off the excess. Wooden counter top is easy to keep clean. Just wipe it with a damp cloth. Dry well with a cloth

More on next page

"My husband helped decide on Caloric"

"First thing I noticed about the Caloric was how much easier it is to keep clean . . . and I specially liked the removable burners and broiler. Meantime my husband was inspecting, too, and asking questions. When the dealer proved that this range is built to last, and well made . . . that decided us on Caloric."

See All These Features On The New Caloric AMERICA'S EASIEST RANGES TO KEEP CLEAN

★ **Flavor-Saver Dual Burners,** speedy, gas savers; flexible heat.

★ **Veri-Clean Broiler,** completely removable for washing in your sink.

★ **Seamless Construction,** porcelain enamel inside and out.

★ **Hold-Heat Oven.** Exclusive seal keeps kitchen cooler.

★ **Automatic Oven Clock Control,** starts, cooks, stops without attention.

Guaranteed by Good Housekeeping

See dealers under "Caloric" in classified phone books. Any Caloric model can be factory-built for "Pyrofax" Bottled Gas or other L.P.-Gases. Caloric Stove Corporation, 12 South 12th Street, Philadelphia 7, Pa.

Ultramatic

Caloric® Gas Ranges

America's Easiest Ranges to Keep Clean

This Capitol Kitchen is the center of our hearts

"We've fallen in love with our wonderful new Capitol Kitchen. Those beautiful snow-white steel cabinets gleam . . . and they're so easy to clean. The roller-bearing drawers float out, quiet as a whisper. And those conveniently arranged cabinets save us thousands of steps every day . . . add extra storage space, too. Naturally, we're excited. Now the room we live in most is really the center of our hearts!"

YOU, TOO, CAN ENJOY all the striking beauty and work-saving convenience of a Capitol Kitchen. It's made of heavy-gauge steel that'll last a lifetime. And what an exclusive—knee space so that you can sit at the sink *and* plenty of toe space.

Custom-plan a sweetheart of a kitchen from more than 40 available sizes of base and wall cabinets. See your neighborhood Capitol dealer. You'll be glad tomorrow you did it today!

THE *Capitol* LINE

CAPITOL KITCHENS
Division of Hubeny Brothers, Inc.
ROSELLE, NEW JERSEY

HERE'S HELP ON KITCHEN PLANNING!

Please send me the name of my local dealer and your Kitchen Planning Book for which I am enclosing 10¢ (in coin).

Name .....

Street .....

City ..... *State* .....

CK-100

Good tops deserve top-notch care

Begins on page 134

Leather desk top. Most leathers today receive a protective lacquer finish at the factory. But, in addition, they need a good coat of wax. As you apply this liquid wax, it will clean the leather. With a soft, dry cloth, rub up the wax to a soft luster. Dust the top regularly or wipe it with a damp cloth. If the leather is unlacquered, a leather conditioner will help to prevent stiffness or cracking. Apply the conditioner according to the directions on the label

Chest top. For big results with little effort, try this new nonoily furniture polish. It quickly cleans the chest, dries to a filmy haze. Just wipe it off with a lintless cloth and see the dry, brilliant finish. Polish leaves a protective, glasslike coating. Take time to check labels as you shop. You'll appreciate timesaving nonoily polishes, also liquid and cream waxes that clean, polish, and protect fine finishes

Mirror dressing-table top. Keep your reflection clear by polishing mirror with a good window cleaner such as this waxlike glass cleaner. Rub it on with a damp cellulose sponge. Then before cleaner is completely dry, wipe it off with a clean, dry cloth. This waxlike cleaner leaves behind an invisible film that resists fingerprints, spilled perfume, and smudges of lipstick. Avoid letting cleaner or water run around onto the back of the mirror. Moisture could damage the back permanently

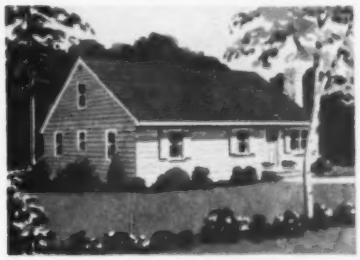
Linoleum counter top. To fill the pores and seal the surface, give linoleum two basic coats of paste or liquid wax. Follow directions on the label. While each coat is still slightly moist, rub it to a soft luster. The chenille mitt does a good job of polishing the wax to a hard finish. For a quick cleanup, go over your counter top regularly with a damp cloth. Then wipe it with a dry cloth. Linoleum will wear better if you avoid letting water stand on the surface

REVOLUTIONARY!

Coleman Blend-Air

HEATING AND VENTILATING SYSTEM FOR GAS AND OIL FUELS

HERE'S HOW AMERICAN HOMEOWNERS PRAISE COLEMAN BLEND-AIR



COCHITUATE, MASS. "I have had other types of forced warm-air systems and I can say that the Coleman Blend-Air System is far ahead of any I have seen . . . the temperature on the floor is practically the same as at the ceiling."—*Ralph McMillen.*

DES MOINES, IOWA. "The forced air with the air blenders circulates the heat and changes the air, making a more even room temperature. Even though mine is an old home, Blend-Air was easily, quickly and satisfactorily installed."—*H. E. Freiburg.*

PORTLAND, ORE. "I can't explain how happy I am to have a really clean, comfortable furnace at last! . . . my housework has been cut in half."—*Mrs. L. L. Parsons.* "Blend-Air was the perfect answer and I am sure we now have a better heating job at a saving of about $225."—*L. L. Parsons.*

This illustration shows a Coleman BLEND-AIR Installation with the furnace located in the utility room. Heat Tubes are located in the attic. In basement installations, the Heat Tubes are located in the basement immediately beneath the floor.

Low-cost central heating for new and old homes with furnace in basement or utility room—the new heating marvel

Coleman is proud to introduce to you the first *really important development* in forced warm-air heating in years. BLEND-AIR is a complete, pre-engineered forced warm-air heating and ventilating system with adjustable fresh air intake that gives you a continued inflow of freshly heated air. It conditions your home for health as well as comfort. There is nothing else like it.

Here's how revolutionary features make BLEND-AIR economical and easy to install in any home: (1) 3½-INCH HEAT TUBES carry freshly heated air to each room; (2) MAGIC BLENDER fits in the wall of each room, blends heated furnace air with room air and recirculates fresh warm air for even comfort throughout. Whole-house thermostat control, too; (3) BLEND-AIR FURNACE (for gas or oil) is compact, easily installed anywhere to save space for other uses. The whole BLEND-AIR system comes completely packaged, ready to install in old or new homes. See your Coleman dealer or send coupon. The Coleman Company, Inc., Wichita 1, Kansas.

Comfort costs so little with a **Coleman** *America's leader in home heating*

The Coleman Company, Inc., Dept. BHG-701-1
Wichita 1, Kansas

Please send information about BLEND-AIR.

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Street_____

City_____ Zone_____ State_____

it's lighter than you think!

$19.95
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of course it's the famous

Presto AUTOMATIC Vapor-Steam Iron

The Most Amazing Steam or Dry Iron Ever Invented

Saves up to ½ ironing time!

It steam irons! It dry irons! It presses! No extra gadgets or attachments to bother with . . . no tricky valves to regulate . . . the amazing PRESTO VAPOR-STEAM IRON is the answer to all ironing problems! It steams up to 1½ hours (at rayon setting) on a single 6-ounce filling of ordinary tap water. No distilled water required! For faster, easier, better ironing . . . see the wonderful new PRESTO VAPOR-STEAM IRON!

UL — COMMENDED PARENTS MAGAZINE — Guaranteed by Good Housekeeping

Saves Hundreds of Dollars on Pressing Bills . . . suits, skirts, trousers, any type of fabric can be pressed at home, easily, quickly, expertly without bothersome pressing cloths.

Irons Most Clothes Without Sprinkling . . . because PRESTO VAPOR-STEAM adds just the right amount of moisture for energy-saving, professionally-perfect ironing!

Exclusive PRESTO "VAPO-MISER®" . . . automatically converts ordinary tap water into a smooth, penetrating flow of VAPOR-STEAM.

Soleplate Heat Indicator... Shows at a glance exact soleplate temperature at all times. Stops guesswork. Helps prevent scorching of fabrics.

Uses Ordinary Tap Water . . . No distilled water needed. Steams up to 1½ hours (at rayon setting) on single 6-ounce filling.

GIVEN . . . with every PRESTO VAPOR-STEAM IRON, at no extra cost: (1) Scorch-proof ironing stand, and (2) Valuable illustrated instruction book.

The PRESTO VAPOR-STEAM IRON is on sale wherever quality electrical housewares are available.

NATIONAL PRESSURE COOKER COMPANY, Eau Claire, Wisconsin © 1951 N. P. C. CO.

Made by the Makers of World Famous Presto Cookers and Presto Dixie-Fryers

Dinners you'll be proud of

Begins on page 82

Twin Meat Loaves

Meat loaf goes company-style when you make it by this recipe—

- 1 pound ground beef
- ½ pound ground pork
- ½ pound ground veal
- ¼ cup finely chopped onion
- 2 tablespoons finely chopped celery
- 2 teaspoons salt
- ¼ teaspoon pepper
- ¼ teaspoon sage
- ¼ teaspoon dry mustard
- ¼ teaspoon poultry seasoning
- 4 slices soft bread
- 1 cup warm milk
- 2 beaten eggs
- 1 tablespoon Worcestershire sauce
- ½ cup dry bread crumbs
- ½ cup boiling water

Thoroughly mix meats; add onion, celery, and seasonings. Cube bread; soak in milk; add eggs and Worcestershire sauce; beat with rotary beater or electric mixer. Combine meat and egg mixtures and form in 2 loaves. Roll in bread crumbs and place on greased shallow baking pan. Mark top with handle of wooden spoon—see picture page 82. Pour water around loaves. Bake uncovered in moderate oven (350°) 60 minutes. Baste with liquid in pan at 15-minute intervals. Last 30 minutes of baking, fill grooves with catsup. Serve hot or cold. Serves 8 to 10.

Mashed Potatoes

Sprinkle with paprika and melt golden butter over the top—

Drain boiled potatoes; shake over low heat to dry. Press through ricer or mash with potato masher or electric mixer. Add sufficient hot milk to make light and fluffy; beat well. Season with butter, salt, and pepper. If necessary, keep warm over hot water.

Bran Muffins

Serve them, hot and crusty, in a napkin-lined basket—

- 2 tablespoons shortening
- 3 tablespoons sugar
- 1 egg
- ¾ cup milk
- 1 cup bran
- 1 cup enriched flour
- ½ teaspoon salt
- 2 teaspoons baking powder

Cream shortening and sugar; add egg and beat well. Stir in milk, then bran. Add flour sifted with salt and baking powder; stir until dry ingredients are just moistened. Fill greased muffin pans two-thirds full. Bake in hot oven (425°) 20 to 25 minutes. Any type of bran may be successfully used in this recipe. For **Fruit Bran Muffins,** add ½ to ¾ cup raisins or chopped dates. Makes 1 dozen muffins.

Apple Dumplings

They bake in the best spicy sauce! Then you eat them warm with cream—

- 2 cups sugar
- 2 cups water
- ¼ teaspoon cinnamon
- ¼ teaspoon nutmeg
- ¼ cup butter
- 6 apples
- 2 cups enriched flour
- 1 teaspoon salt
- 2 teaspoons baking powder
- ¾ cup shortening
- ½ cup milk

Make syrup of sugar, water, cinnamon, and nutmeg; add butter. Pare and core apples; cut in fourths. Sift flour, salt, and baking powder; cut in shortening. Add milk all at once and stir until moistened. Roll ¼ inch thick; cut in 5-inch squares. Arrange 4 pieces of apple on each square—put them together again in the shape of the apple. Sprinkle generously with additional sugar, cinnamon, and nutmeg; dot with butter; fold corners to center; pinch edges together. Place 1 inch apart in greased baking pan. Pour over syrup. Bake in moderate oven (375°) 35 minutes. Serve hot with cream. Makes 6 dumplings. On page 82 the dumplings are garnished with a tiny candy apple, a little green leaf.

Swiss Steak

Fix it this way, let it cook gently, and it will be fork-tender—

- 2 pounds round or chuck steak
- ½ cup enriched flour
- 2 teaspoons salt
- ½ teaspoon pepper
- 3 tablespoons fat
- 1 small onion, chopped
- 1 cup canned tomatoes

Have steak cut 1½ to 2 inches thick. Mix flour, salt, and pepper; thoroughly pound into steak. Brown meat in hot fat. Add onion; cook until golden. Add tomatoes. Cover; cook over low heat or bake in moderate oven (350°) until tender, about 1½ hours. Serves 6.

Browned Paprika Potatoes

They have crusty brown jackets—

- 6 medium-size potatoes
- 1 tablespoon melted bacon drippings or other fat
- ¼ cup corn-flake crumbs
- 1 teaspoon paprika
- 1 teaspoon salt

Pare potatoes; brush with melted fat. Roll potatoes in mixture of corn-flake crumbs, paprika, and salt. Bake covered in greased baking pan in hot oven (425°) about 45 minutes. Or if you have oven set at lower temperature, simply bake them a longer time. Serves 6.

Dutch Spinach

You could use frozen spinach for this, too—

- 4 slices bacon, diced
- 3 cups chopped raw spinach
- 3 tablespoons enriched flour
- 1½ cups hot water
- 2 tablespoons sugar
- 1 tablespoon vinegar
- ¾ teaspoon salt
- Dash of pepper
- 2 hard-cooked eggs

Fry bacon until crisp; add bacon to spinach. Add flour to drippings and blend thoroughly. Add hot water and cook over low heat until thick, stirring constantly. Add sugar, vinegar, and seasonings. Pour over spinach. Stir well until wilted and garnish with sliced, hard-cooked eggs. Serves 6.

Corn-bread Sticks

Get more golden crustiness this way—

- ½ cup enriched flour
- ½ teaspoon salt
- 1 teaspoon baking powder
- ½ teaspoon soda
- 1 tablespoon sugar
- 1½ cups yellow corn meal
- 1 beaten egg
- 1 cup sour cream
- 2 tablespoons melted shortening or salad oil

Sift flour, salt, baking powder, soda, and sugar together; add corn meal. Combine egg, sour cream,

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and shortening. Add to dry ingredients; stir until just blended. Pour batter into well-greased hot cornstick pans. (Heat in oven while mixing batter.) Bake in hot oven (400°) 25 minutes. Makes 10 to 12 sticks.

French Epicurean Peas

4 slices bacon, chopped
1 tablespoon chopped onion
1 tablespoon enriched flour
1 No. 2 can (2½ cups) peas, drained
1 cup light cream or evaporated milk
1 cup chopped, fresh or canned mushrooms
2 tablespoons butter
Salt and pepper

Partially fry bacon; add onion; cook until golden. Add flour and blend; add peas and cream. Cook until thick, stirring occasionally. Cook mushrooms in butter 5 minutes. Add to peas and season. Serves 6. **Note:** Frozen or fresh peas may be used.

Refrigerator Rolls

Make a batch of these, then look in the Cook Book—it shows you six clever rolls you can make with the dough—

2 cakes fresh or 2 packages granular yeast
1 teaspoon sugar
1 cup lukewarm water
2 cups milk, scalded
⅔ cup melted shortening
¾ cup sugar
4 teaspoons salt
2 beaten eggs
10 to 11 cups enriched flour

Soften yeast and dissolve sugar in water; add milk cooled to lukewarm, shortening, sugar, and salt. Add eggs; beat well. Add flour to make soft dough; let stand 10 minutes; knead on lightly floured surface until smooth and elastic. Place in greased bowl; grease top and cover; store in refrigerator. Shape rolls about 2 hours before serving. Let rise until doubled in bulk. Bake in hot oven (400° to 425°) 15 to 20 minutes. Punch down the unused dough and return to refrigerator. Makes 4 to 5 dozen medium-size rolls. **How to shape Rosettes:** For each rosette, roll a strip ½ inch thick and 8 inches long. Knot. Tuck upper end under roll, other end into top center.

Piquant Salad

A good, peppy salad to serve when you have roast—

1 package lime-flavored gelatine
1 cup hot water
1 cup cold water
2 teaspoons horse-radish
½ teaspoon Worcestershire sauce
Dash of Tabasco sauce

Dissolve gelatine in hot water; add remaining ingredients. Chill until partially set; beat to stiff froth with electric or rotary beater. Chill in large oiled mold or individual molds until firm. Serves 6.

Delicate White Cake

⅔ cup shortening
2 cups sugar
1 teaspoon vanilla
3 cups cake flour
¼ teaspoon salt
2 teaspoons baking powder
1 cup water
4 stiff-beaten egg whites
1 teaspoon baking powder

Thoroughly cream shortening and sugar; add vanilla. Add flour sifted with salt and 2 teaspoons baking powder alternately with water, beating well after each addition. Fold in egg whites, beaten with remaining teaspoon baking powder. Bake in 2 paper-lined 9-inch layer-cake pans in moderate oven (350°) 30 minutes. Put layers together and frost with Seven-minute Frosting (see page 133).

Peach Cobbler

A homespun recipe that builds memories of Mother's cooking—

2 cups sliced fresh peaches
½ to ¾ cup sugar
2 tablespoons enriched flour
1 tablespoon lemon juice
1 tablespoon butter
1 recipe Rich Shortcake, using ¾ cup milk

Place peaches in greased baking dish; sprinkle with mixture of sugar and flour, then lemon juice; dot with butter. Drop dough in 6 mounds over peaches. Bake in hot oven (425°) 30 minutes. Serves 6.

Rich Shortcake

2 cups enriched flour
½ teaspoon salt
4 teaspoons baking powder
1 tablespoon sugar
⅓ cup shortening
1 well-beaten egg
½ to ¾ cup milk

Sift dry ingredients; cut in shortening until mixture is like coarse crumbs. Add combined egg and milk, stirring just until moistened.

Summer Succotash

Use canned or frozen vegetables when the garden's no longer producing—

1½ cups cooked whole-kernel corn
1½ cups cooked Lima beans
2 tablespoons butter
Salt and pepper
½ cup cream or top milk

Drain vegetables; add remaining ingredients and heat. Serves 6.

Biscuits Supreme

2 cups enriched flour
½ teaspoon salt
4 teaspoons baking powder
½ teaspoon cream of tartar
2 teaspoons sugar
½ cup shortening
⅔ cup milk

Sift flour, salt, baking powder, cream of tartar, and sugar; cut in shortening until mixture resembles coarse crumbs. Add milk all at once and stir just until dough follows fork around bowl. Pat or roll ½ inch thick; cut with biscuit cutter. Bake on ungreased cooky sheet in hot oven (450°) 10 to 12 minutes. Makes 16 medium-size biscuits.

Frosted Cocktail

½ cup sugar
⅔ cup water
⅔ cup unsweetened pineapple juice
⅔ cup lemon juice
2 tablespoons bottled or fresh lime juice
2 unbeaten egg whites
4 cups finely crushed ice

Cook sugar and water 5 minutes; chill. Shake all ingredients in shaker or jar until light and frothy. Serve immediately in small chilled cocktail glasses. Serves 6.

Frozen Orange-Prune Whip

It's easy to do—no beating—

1 stiff-beaten egg white
½ cup sugar
¾ cup cooked, sieved prune pulp
½ cup orange juice
2 tablespoons lemon juice
½ teaspoon grated orange peel
1 cup heavy cream, whipped

Beat egg white and sugar; add prune pulp and mix well. Add orange juice, lemon juice, and orange peel. Fold in whipped cream. Freeze in refrigerator tray about 3 hours. Serves 6.

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AT GROCERS

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Guest room in a bay window

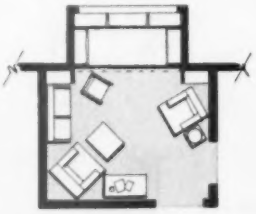
By Elizabeth Gilrain

Like a lot of us, Decorator Ruth Venable needed space for weekend guests. There was already a den in the home, but it was used in that capacity every day.

By building a bay onto the den, Mrs. Venable was able to keep the den and still get the guest sleeping space she needed. It was a small room to start with. The bay is only four feet deep, but the end result is the same as if she had added an extra room.

If it's more sleep space you need, just look around. If you've already got a bay window, you can just adapt this idea. There are more suggestions to help you get "rooms that lead a double life" on pages 62 and 63 of our April, 1951, issue. It shows you how to use the wide variety of sofas, love seats, and single chairs that double as comfortable beds. Even your living room can be quickly converted into a bedroom if your sofa is convertible.

Here's the bay added to den. Plan below shows how placing couch in bay makes furniture placement easier



Photographs: de Gennaro

Bay window forms a niche for the studio couch that doubles as an extra bed. Built-in pine shelves and cabinets frame bay. By tucking the couch into bay, floor space is cleared for other furnishings

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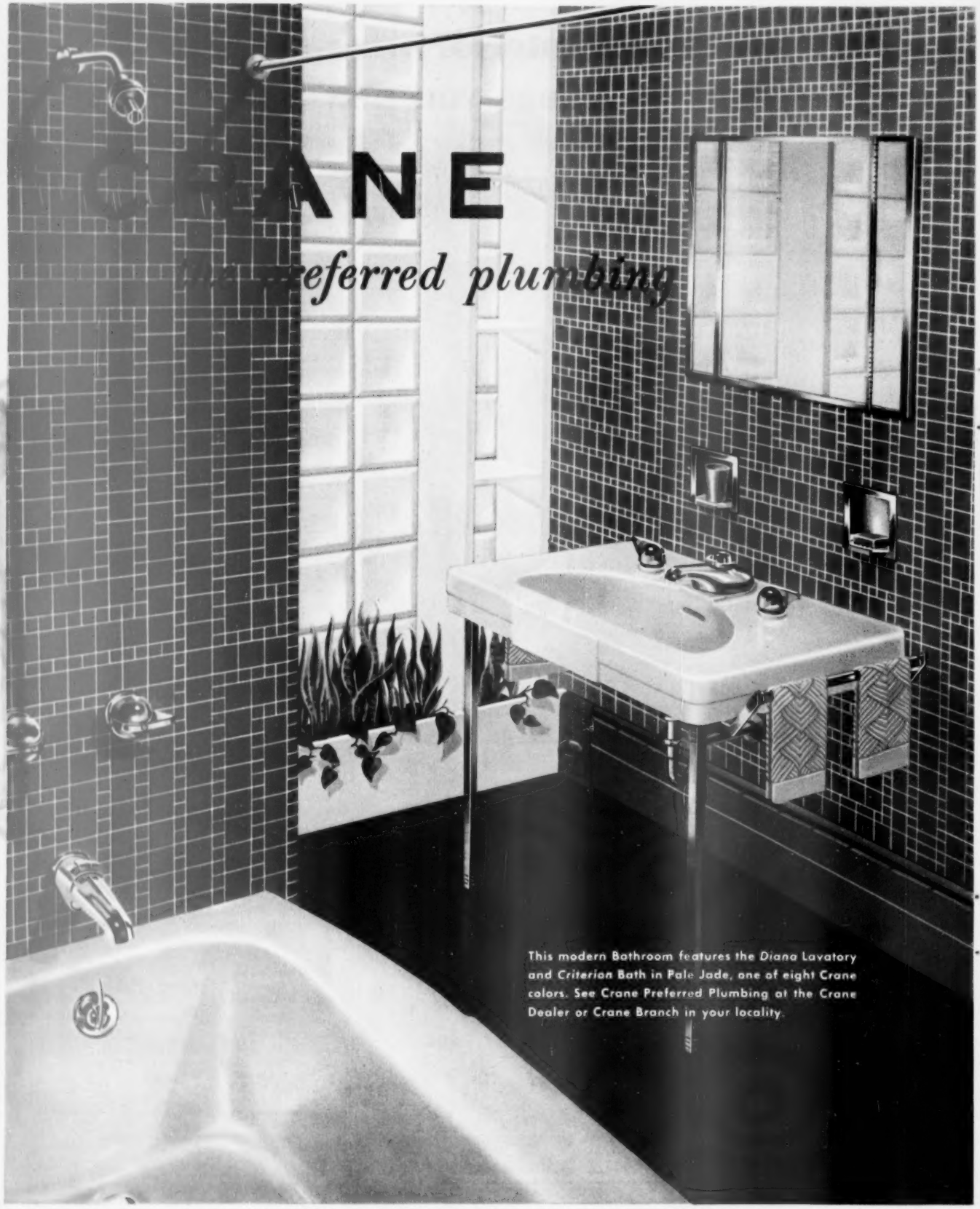

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VALVES • FITTINGS • PIPE • PLUMBING AND HEATING

How much should your operation cost?

Begins on page 14

Instead of being mollified, Mrs. Burton was made more suspicious by the surgeon's quick agreement. She took Peggy to another doctor, and the cyst was competently removed by the surgeon he recommended. He charged Mrs. Burton $75.

Mrs. Burton saved her family $175. Most people would not have acted as decisively as she did. Confronted with the enigma of how surgical fees are arrived at, the average person tends to be mystified and awed. Understandably, he is not inclined to place a monetary value on his family's health and is willing to pay whatever he is told is necessary. Few people will protest even an unexpectedly high surgical fee, for fear of putting themselves partly in the role of charity patients.

More often, a hard-hit patient will condone a too-high rate. "After all," he reasons, "surgeons perform many operations at no charge at all for those who can't pay. They have to make it up somewhere."

The argument is only partly correct. One well-known surgeon estimates that about 95 percent of all ward surgery is performed by doctors, often young ones, who in their private practices charge modest fees. The surgeon who puts a staggering price on his work is not usually one who devotes much of his time to charitable work.

There is no reason for you to have either a hat-in-hand or a spare-no-expense attitude with your surgeon. Although his field is health, he is selling a service, much the same as does a lawyer or an architect. Few people would propose telling a surgeon exactly how much he should be allowed to charge for a specific operation. But it *is* possible for you to know his price is reasonably fair or way out of line. And if, armed with the facts, you decide that you are being overcharged, you should seek either a better arrangement or a different surgeon.

But, you may ask, how can I *know* whether or not a fee is fair? On the face of it, it seems almost impossible to determine the "average" charge for an appendectomy or the removal of a tumor. Actually, however, the problem is not nearly as hopeless as it may appear. The surgical allowances set up by insurance companies are based in large measure on the agreement of participating surgeons as to what constitutes fair compensation for certain operations. And in 1948, there took place the first comprehensive, nationwide survey of surgical fees.

In that year, the Equitable Life Assurance Society, with the cooperation of six other large insurance companies, completed a study of prevailing surgical rates. Under the direction of Morton D. Miller, the fees charged in more than 100,000 operations were analyzed. In the chart on page 15, 35 of the most common operations are listed, along with *average* charge for each.

You can use this chart as a rough guide—a tangible *starting* point—in estimating what you should expect to pay for your operation. Remember, of course, that *all* costs have gone up since 1948 and that your own bill, in any case, is not going to be exactly average. Here are the factors, some or all of which will affect the charge your surgeon will make. Knowing them will help you determine what is "average" or fair, in your own situation:

The training of the surgeon

How does he compare with other surgeons in training and experience? What is his place in the field? The answers to these questions help determine a doctor's fees. Unfortunately, some surgeons approach fee-setting just backward: They set their fees in accordance with their *desire* to rank high in the profession. The public, however, is just as much to blame for this kind of overcharging. Because patients often have more confidence in a surgeon who charges high fees, many doctors find it poor policy to set a lower figure which they themselves would consider fair compensation.

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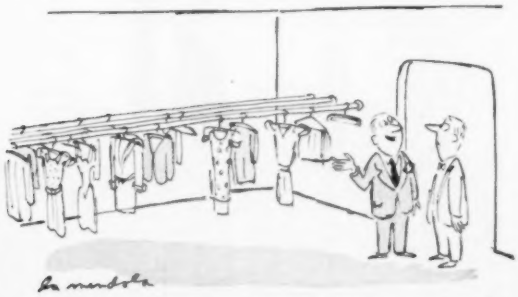

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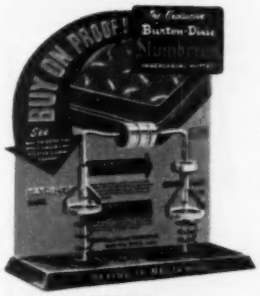

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How much should your operation cost ?

Continued from preceding page

The number of men capable of performing a given operation

Just as in any business, the law of supply and demand plays a part. Where the competition among surgeons is not as great, the fee charged is usually higher. Almost all surgeons charge a higher fee for less common operations.

Length of time in the operating room

Although not as important a factor as is popularly believed, the surgeon's fee is understandably less for an operation that takes only 15 minutes than for one which may take four hours. Moreover, in a more serious operation, the surgeon may require the assistance of one or more other specialists. Their fees usually will be included in the surgeon's bill. The surgeon usually knows beforehand whether he will need such help.

Period of care

Some operations require only brief aftercare. Others take a lot of care both before and afterward. When they do, the surgeon naturally asks a higher fee. Where such care is not handled by the surgeon, his fee should reflect the fact that another doctor will have to be paid for such care.

Patient's financial status

With most doctors, this is a key factor. Where doctors have a group practice, for instance, they retain either a business manager or a nurse who is trained to analyze the patient's economic history. They are guided not solely by his income, but also by fixed expenses that income must meet. Unfortunately, the average surgeon has to depend on guesswork, which often results in injustices. It is not always his fault.

Fixed expenses of surgeon

Where a surgeon has an elegant establishment and high rental, it's bound to be reflected in his fees, unless his practice is an unusually large one. Depending on the surgeon, you may or may not find it worthwhile to help pay his overhead. The fees of *most* surgeons, it's only fair to say, have not risen as much as general living costs over the last 15 years.

Financial aspirations of surgeons

Surgeons are people, and a few of them set their fees, not by the accepted standards, but by the level of living they aspire to. His wife's fondness for mink, although having little to do with your appendix or your income, may enter into the bill such a surgeon sends. Honest doctors frown on such a policy. Where it is found, fee-splitting and other unethical practices are also apt to be present.

Suggestion of referring physician

It is common practice for a surgeon to consult the doctor who referred you to him, and to accept your doctor's appraisal of what you might consider a reasonable fee. There are two reasons for this: First, the surgeon feels that your doctor has a better idea than he of your situation. Second, the surgeon depends on continued referrals; if he creates ill feeling by charging too much, your doctor will quit sending patients to him.

Urgency of the operation

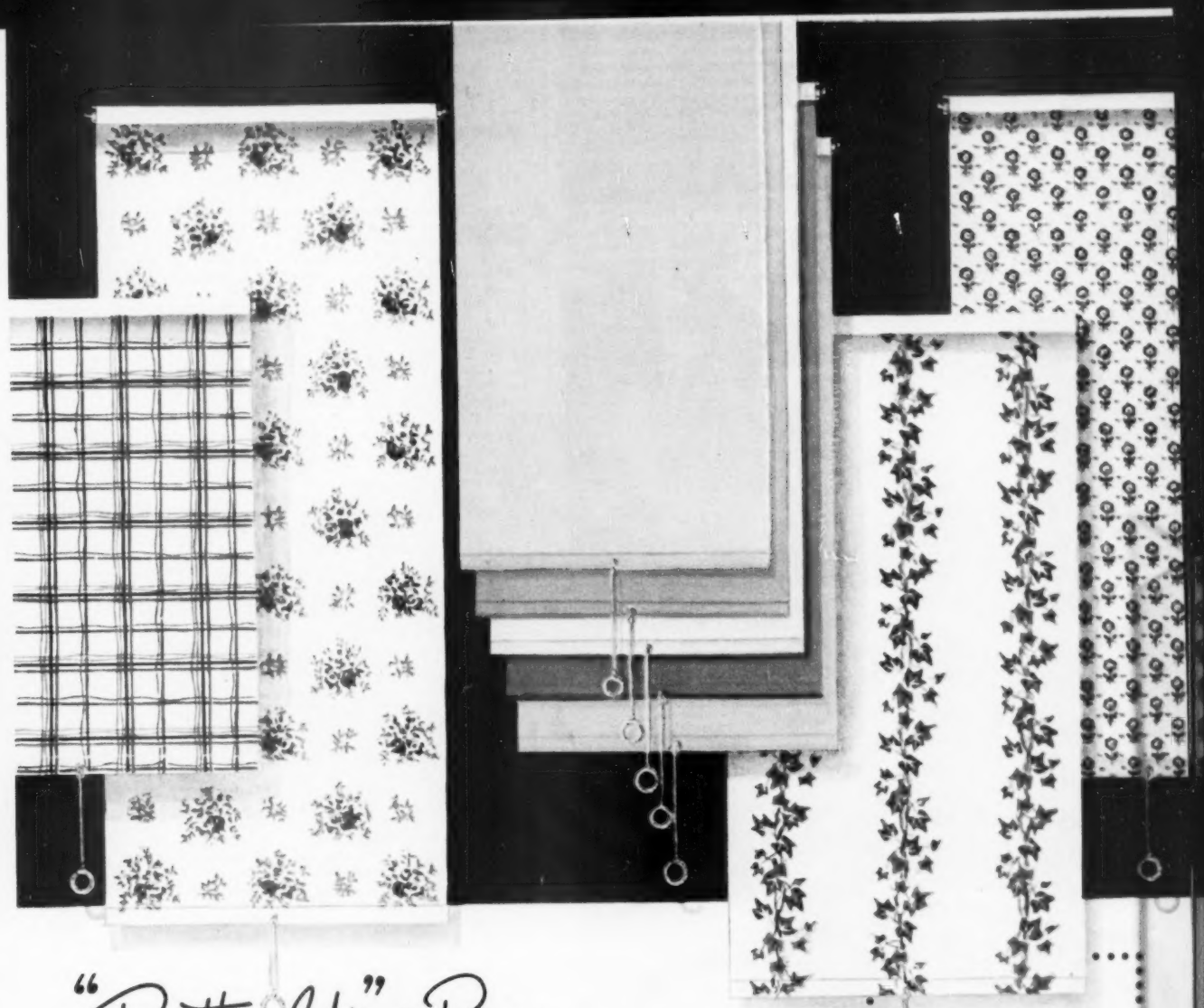
Surgeons take different attitudes toward life-and-death operations and those which are done, say, to improve appearance. For the latter, with some justification, doctors feel that you are purchasing a luxury and should expect to pay accordingly.

There are other factors which, although they may not seem logical, are nevertheless valuable to know about. One of the less tangible elements, at least so far as the

[*Turn to page 146*

BETTER HOMES & GARDENS

"You look peaked. You probably aren't getting enough exercise."



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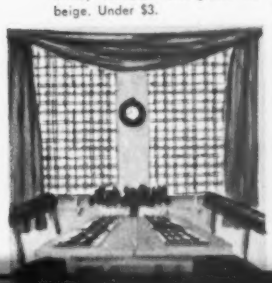

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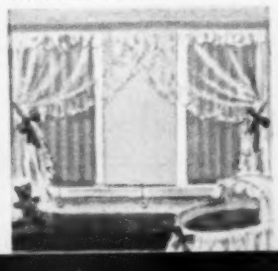

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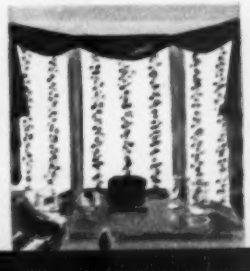

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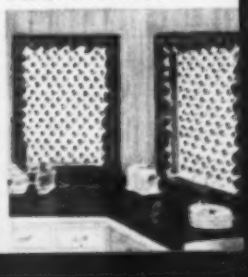

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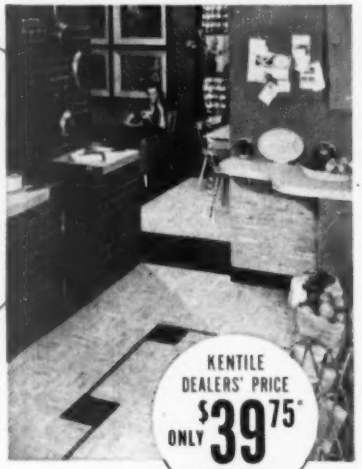

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*Price quoted is for a 8'3" x 9' Kitchen. Your Kentile Floor may cost less or slightly more depending on the color you choose; and condition of floor. Color of Kentile used in Living-Dining Area—Lamartine and Dog Tooth with Ivy ThemeTile. In Kitchen—Lamartine with Ivy ThemeTile.

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How much should your operation cost?

Continued from page 144

surgeon's office fee goes, is community custom. For no reason that anyone can pin down, the doctors in one community establish a higher rate than prevails in nearby towns. The metropolitan area of New York offers a striking example. In the city it is rather standard for a surgical specialist to charge $20 for the first office call and $10 for each subsequent visit. But in nearby White Plains, a prosperous commuter's suburb, the customary rate is $10, then $5. Some doctors who have offices in both places actually maintain two separate sets of fees.

In addition to local quirks, surgeons' charges vary considerably in different sections of the country. Prices, according to the survey by the insurance companies, are considerably higher on the Pacific coast than in other parts of America. There, fees for nonobstetrical procedures are 138 percent, and for childbirth 158 percent, of the national average. The cheapest states to live in, when you need a surgeon, are the South Atlantic ones, where the figures are only 88 percent and 91 percent of the national average. Next are the Midwestern states, with 95 percent and 94 percent. New England, Middle Atlantic, and the Southwest come pretty close to the national average.

Another seemingly odd facet is that the fee of the surgical specialist is apt to be lower than that of the general surgeon. The reason is that the specialist usually has a substantial office practice which pays his running expenses. For instance, eye specialists and ear, nose, and throat specialists derive about 80 percent of their income from office practice. They can therefore afford to charge lower fees than the general surgeon who is almost completely dependent upon hospital operations.

One tactic which may seem like extortion is actually a form of advice which you should recognize and take advantage of. A top surgeon with limited time will often set a very high fee for routine operations. His motive is to discourage run-of-the-mill cases so that he has time for more important work.

"My fee for an appendectomy," he tells a patient, "is $500. However, Doctor Jones is quite competent, and I believe his fee is quite a bit lower. I would suggest you talk to him."

The famous surgeon, in this case, is being quite honest. He is saying, in effect, that you would be foolish to pay the higher fee for an operation that any good surgeon can perform expertly.

The bill you will receive, should you undergo an operation, depends largely on your handling of the situation. Here are four things you can do to help your surgeon arrive at a fee that's fair to both of you:

1. If your resources are limited, don't overextend yourself by selecting a private hospital room when semiprivate or other accommodations are adequate. Your surgeon might take such a move as an indication of your ability also to pay a higher surgical fee.
2. When you first talk to the surgeon, volunteer the following information: Your family income, the number of dependents in your family, your fixed expenses (rent, education, and so on), your monthly savings, and your anticipated loss of earnings during the period of convalescence. You will have to volunteer this data, because the great majority of surgeons are reluctant to ask such frank questions. But you can usually be sure that giving him that information will enable him to determine a reasonably standard fee for a person of your circumstances.
3. By all means, find out the fee before the operation takes place. The only legitimate reason for a surgeon not naming his fee beforehand is his ignorance of the patient's circumstances. If you have given the data suggested, you have a right to know his price. Most surgeons will be only too glad to tell you in advance and avoid later misunderstandings.
4. If you don't know the surgeon well, don't put yourself completely at his mercy in the matter of fees. Telling him, "The cost doesn't matter; just get my child well," accomplishes nothing for your child, and the surgeon may take you at your word. Come prepared with a reasonably good idea of what such an operation should cost you. If the fee suggested by the surgeon strikes you as being high, don't hesitate to talk it over with him. And if you are still not satisfied, take the matter up with the physician who sent you to him.

One thing is important to remember. Honest surgeons—and that embraces the vast majority—are as concerned as you to arrive at a fair and mutually satisfactory fee. The medical profession is attempting to bring some order to a situation too long neglected. In the meantime, an informed approach to the business end of surgery may spare you unnecessary expense and worry at a time when you can least afford either.

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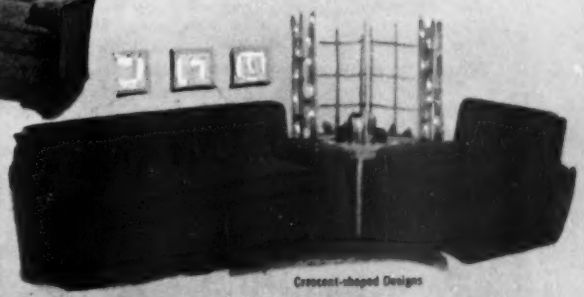

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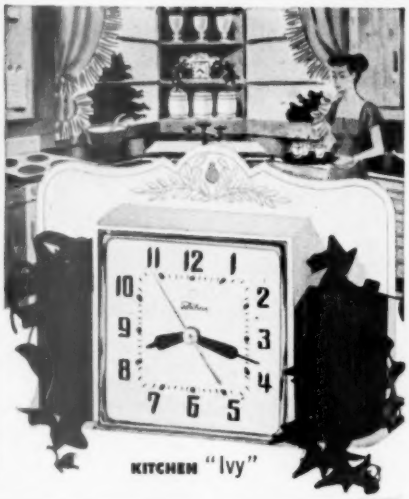

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5. Contest open to all residents of the U.S., its possessions and Canada, except employees of General Electric Company, its advertising agencies, and their immediate families. Contest is subject to all federal, state and local regulations.

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There's a beautiful Telechron® for every room in your home

ELECTRIC CLOCK

Easygoing casseroles

Begins on page 86

of golden corn mush, bakes an hour and a half and asks nothing of you in all that time. It's a delicious chili-style casserole. Calls for a green salad, an easy fruit dessert.

Now we're getting fancier—Tuna Bake With Cheese Swirls. Those crusty pin-wheel biscuits are the eye catchers. Underneath is creamy tuna, easy to put together because the sauce is a can of chicken soup. You slide this one in the oven right when the doorbell rings.

Italian Spaghetti is one of the top favorites in main dishes. And this is a wonderful recipe. It's expertly seasoned, yet hasn't a mile-long list of ingredients. You get it all together, let it simmer along gently for 3 hours. All you have to do to finish it up is cook the spaghetti. Did you notice the clever spaghetti server in the picture, page 87?

Little chicken pies have a partified flair and stay hot a long time, in case you have trouble rounding up the guests. Well you know that it's a neat trick to keep food hot down to the last bite.

Brown Stew—there's an old-fashioned, stick-to-the-ribs, family-style dinner that should be in every cook's best-recipe collection. And this one is *so good*, you'll add a homespun Dutch-oven dinner to your casserole entertaining.

Below: Six very special recipes that promise to be favorites of the family, your favorites for easygoing entertaining.

Hamburger Pie

The topper is fluffy mashed potatoes. They come out of the oven with pretty brown peaks—

1 medium-size onion, chopped
1 pound ground beef
Salt and pepper
1 No. 2 can (2½ cups) or ½ pound cooked fresh or frozen green beans
1 10½- or 11-ounce can condensed tomato soup
5 medium-size potatoes, cooked
½ cup warm milk
1 beaten egg
Salt and pepper

Brown onion lightly in a small amount of hot fat; add meat and seasonings; brown. Add drained, cooked beans and soup; pour into greased casserole. Mash potatoes; add milk, egg, and seasonings. Spoon in mounds over meat or use a pastry tube. Bake in moderate oven (350°) 30 minutes. Serves 6.

Tamale Pie

A casserole main dish that leaves you plenty of time to get the house "picked up" for company—

1½ pounds beef, cut in ½-inch cubes
5 tablespoons salad oil
2 medium-size onions, sliced
3 cloves garlic, minced
1½ teaspoons salt
2 tablespoons chili powder
1 No. 2 can (2½ cups) tomatoes, sieved
1½ cups pitted ripe olives, coarsely cut
1 cup seedless raisins
2 teaspoons salt
½ tablespoon chili powder
6 cups boiling water
2 cups yellow corn meal
½ cup grated American cheese

Brown beef in hot salad oil; add onions and garlic and brown slightly. Add 1½ teaspoons salt, 2 tablespoons chili powder, tomatoes, olives, and raisins. Cook slowly 1½ hours. Add remaining salt and chili powder to water; slowly add corn meal; cook 15 minutes, stirring frequently. Line greased baking dish with 1-inch layer of mush. Pour in meat filling. Spread remaining mush on top (see picture, page 86). Bake in moderate oven (325°) 1½ hours. Sprinkle with grated cheese the last 15 minutes. Serves 6 to 8.

Tuna Bake With Cheese Swirls

The Cheese Swirls are light, crusty biscuit pin wheels with the good tang of cheese—

3 tablespoons chopped onion
⅓ cup chopped green pepper
3 tablespoons fat
1 teaspoon salt
6 tablespoons enriched flour
1 10½- or 11-ounce can condensed chicken soup
1½ cups milk
1 7-ounce can tuna
1 tablespoon lemon juice

Brown onion and pepper in hot fat; add salt and flour; blend. Add soup and milk; cook until sauce is thick and smooth. Add flaked tuna and lemon juice. Pour into greased baking dish and top with Cheese Swirls. Bake in hot oven (450°) 15 minutes; reduce heat to 425° for 15 minutes. Serves 6.

Cheese Swirls

2 cups enriched flour
½ teaspoon salt
3 teaspoons baking powder
3 to 4 tablespoons shortening
⅔ to ¾ cup milk
½ cup grated American cheese
½ cup finely chopped pimiento, if desired

Sift flour with salt and baking powder; cut in shortening until mixture resembles coarse crumbs. Add milk all at once and mix just until dough follows fork around bowl. Turn out on lightly floured surface; knead gently ½ minute. Roll dough ¼ inch thick; sprinkle with cheese and pimiento, if desired. Roll and cut in ½-inch slices.

Little Biddy Pies

3 cups chopped cooked chicken
6 small carrots
6 small potatoes
½ cup diced celery
12 tiny onions

Leave chicken in fairly large pieces. Cook vegetables until nearly tender. Distribute chicken and vegetables between 6 individual casseroles. Season. Make **Chicken Gravy:** Melt 4 tablespoons chicken fat or butter, add 4 tablespoons enriched flour, stir over low heat until brown. Add 2 cups chicken stock or milk, stirring constantly until thick. When mixture boils, reduce heat. Season to taste. Pour hot gravy over chicken and vegetables. Adjust pastry cover on each casserole. Fold dough under at edge, fitting it just inside of rim. Crimp edge or press fork tines around rim. Make slits in crust for steam vents. Glaze pastry with slightly beaten egg. Bake in hot oven (425°) 20 to 30 minutes. **Pastry:** Sift 1½ cups enriched flour with ½ teaspoon salt. Cut in ½ cup shortening until mix- [*Turn to page 151*

Masonry Walls Protected Now will stay Dry in any Weather

Beat wet winter weather to the punch by protecting outside masonry walls now. You can seal moisture out and redecorate beautifully with a simple treatment of Bondex Cement Paint. Bondex penetrates masonry surfaces, gives your house a colorful "new look." And it's so easy and inexpensive to use.

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Where Can You Buy Bondex? **Bondex is available at better paint dealers everywhere. For the name and address of your nearest Bondex dealer . . . PHONE ANY WESTERN UNION OFFICE ANYWHERE IN THE U. S. A. (by number) AND ASK FOR "OPERATOR 25" . . . or write The Reardon Co., St. Louis 14, Mo. In Canada, write: The Reardon Co., Ltd., Montreal 1.** © THE REARDON CO. - 1951

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Brighten your dining and lighten your work with a Daystrom Chrome Dinette Set. Both the four foot table and extension leaf have the Daystromite Wonder Top that resists heat, scars, and stains. Washable plastic upholstery comes in three patterns, in gay matching or contrasting colors. Priced by the set or piece.

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Easygoing casseroles

Continued from page 149

ture is like coarse crumbs. Add 4 to 5 tablespoons cold water, a teaspoon at a time, tossing with a fork until all the flour-coated bits of fat are barely dampened. Chill for easier handling—it could chill while you're getting the rest of the pie made.

Brown Stew

Taste this, and you'll know you have the brown stew recipe you'll make from here on out—

- 2 pounds beef chuck, cut in 1½-inch cubes
- 2 tablespoons fat
- 4 cups boiling water
- 1 teaspoon lemon juice
- 1 teaspoon Worcestershire sauce
- 1 clove garlic
- 1 medium-size onion, sliced
- 2 bay leaves
- 1 tablespoon salt
- ½ teaspoon pepper
- ½ teaspoon paprika
- Dash of allspice or cloves
- 1 teaspoon sugar
- 6 carrots, quartered
- 1 pound (18 to 24) small white onions

Thoroughly brown meat on all sides in hot fat; add water, lemon juice, Worcestershire sauce, garlic, onion, bay leaves, and seasonings. Simmer 2 hours; stir occasionally to keep from sticking. Add carrots and onions. Continue cooking 20 to 30 minutes or until vegetables are done. (Cubed potatoes may be added, if desired.) Remove meat and vegetables; thicken liquid for gravy. Serves 6 to 8.

Meat Balls With Spaghetti

The casual kind of delicious meal that most folks like because it's less trouble for the hostess—

- 1 onion, chopped
- 3 tablespoons fat
- 1 No. 2 can (2½ cups) tomatoes
- 2 6-ounce cans tomato paste
- 2 cups water
- 1 teaspoon salt
- ½ teaspoon pepper
- 1 tablespoon sugar
- 1 bay leaf
- ¾ pound ground beef
- ¼ pound ground pork
- 1 cup fine, dry bread crumbs
- ½ cup grated Parmesan cheese
- 1 sprig parsley, chopped
- 1 clove garlic, minced
- ½ cup milk
- 2 well-beaten eggs
- Salt and pepper
- 1 8-ounce package long spaghetti, cooked

Brown onion in hot fat; add tomatoes, tomato paste, water, and seasonings. Cook slowly 1 hour. Combine remaining ingredients, except spaghetti; mix thoroughly. Form in small balls; brown in hot fat. Add to sauce and cook over low heat 15 minutes. Serve over spaghetti. Serves 6.

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Why build a separate barbecue?

By Pauline Graves

You'll be ahead in convenience and cost if you make it part of your house

This barbecue is so much a part of the house that in off seasons it isn't conspicuous. Terrace in the foreground is floored with 6"x9" quarry tile. Note how planting box is tied into the barbecue

Photographs: de Gennaro

If you haven't yet built your barbecue, consider building it into the house where it's handy to your kitchen and living room. You may find it's cheaper than building a separate barbecue in your back yard.

Here's a barbecue designed by Architects Arthur Kelly and Joseph R. Kelly, A.I.A. It is tied into the main chimney of the house with a copper hood which directs smoke and fumes up the chimney. By using chimney brick and extending the counter with a planting box, and by using quarry tile the same color as the brick, they tied both barbecue and terrace closely to the house.

Barbecue and tile-topped counter fit into protected corner of terrace. Space below counter can be used with shelves for storing barbecue equipment, without shelves for charcoal and wood

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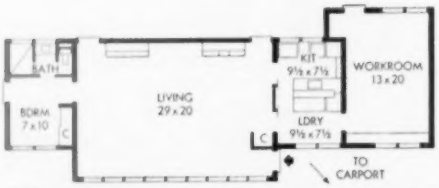
Mine is a handyman's house

Planning it was easy. The trouble was building and finishing it

By Marshall D. Ware



To fit site, the house had to have a long, narrow floor plan

Most home handymen aren't born that way. Many of them don't know how much they can do until they try.

That was my case. I had always wanted to plan my own house, then step back and let somebody else do the work. But it didn't work out that way.

The planning part went smoothly. We had a sharply sloping lot in Dallas, Texas, that called for a long, narrow house that could fit on the most level part of the site. We wanted most of the house in living room, with only a small bedroom, kitchen-utility room, and garage along with it. I wanted to build with modular concrete blocks and have them tinted to take away the coldness of their natural gray color. The house was planned to the last eighth-inch to fit block size.

But by the time I had finished the plans and was ready to turn them over to Architect A. B. Swank to make working drawings, modular blocks were no longer being manufactured. On top of that, no one would tint blocks for me. Since I didn't want to redraw the entire house to fit standard block sizes, [*Turn to page 156*

Essentially, our house is this room, with the bedroom, workroom, and kitchen merely appendages. We're high above the street, which our fixed glass overlooks, and the trees outside serve as a screen for privacy. The inside walls are the same soft green color as the exterior

Photographs: Pix, Inc.

House perches on a shelf in the hillside. Walls and steps are of concrete block, tinted green to blend with the foliage

High windows let light into hill side of living room. Size of room meant large pieces of furniture, so I built coffee tables with legs of aluminum tubing. By reversing leg positions, tables become dining height. The indirect lighting cove roams around three walls of the 29x20-foot room

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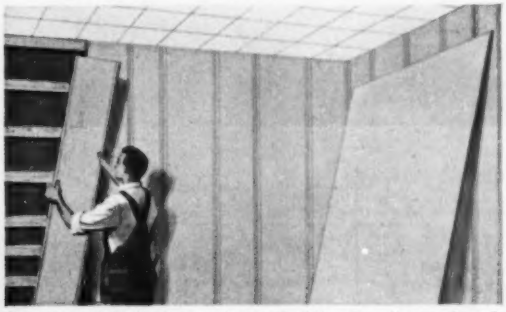

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Who wouldn't be proud?

[when you know, in your heart, it's the best!]

● We mean the *kitchen*, of course! After all, beautiful cakes are pretty much *your* job. But, perfection in *kitchens* . . . that's strictly a job for St. Charles! And, whether your new kitchen is to be little or big, carefully budgeted or "hang-the-expense," if it is a St. Charles Kitchen it will assure your enduring satisfaction and earn all the envious adjectives your friends can think of!

How can you know that? Because you, yourself, guide every step of its planning, before your St. Charles Kitchen is ever built. *You* choose its colors, from ten that St. Charles offers you. *You* select the material and decide on the color of its practical, one-piece counter top. And, with the experienced advice of your St. Charles dealer, you choose from 130 storage units—each with many variations—from 15 special-purpose units and from 46 convenience accessories. Not until all this has been done and you have approved the plan and the price, will St. Charles start cutting and welding the steel and performing the many other operations necessary to fabricate your custom-built kitchen.

We believe that this is the best way to plan and build a kitchen. But, as you can see, it takes more time than "ordering out of stock" would take. So, if you're thinking at all of a new kitchen, please try to plan ahead. See your St. Charles dealer, now. He will tell you how soon a St. Charles Kitchen can be custom-built, for you.

SEND FOR THIS COLORFUL, NEW BOOK on

St. Charles KITCHENS

This helpful book, "Kitchens for Living," is full of pictures, several in full color, of St. Charles Kitchens, convenience units and accessories. You'll find it a treasure chest of things to remember when planning your new kitchen. When ordering, please enclose 10¢ to cover handling and mailing, and mention whether you plan to build or remodel soon. Address: St. Charles Manufacturing Co., 1715 Dean St., St. Charles, Illinois.

St. Charles kitchens

. . . custom-built of steel

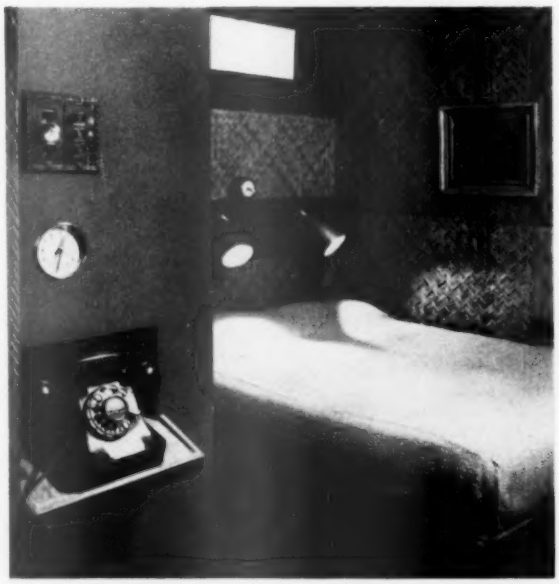
Mine is a handyman's

I waited until the chance came to make the blocks myself. In a few months I heard of a small concrete block plant that was going out of business. I rented their equipment, and, with the help of a hired laborer, I started turning out blocks. We made some 8,000 of them and, by putting green dye in the mix, ended up with just the block we wanted.

As the house went up, we changed our minds about a few things. The slope was so steep that the garage we planned wasn't practical. So we turned the space into a general workroom. Here is where I made couches from surplus army bunks, a couple of long coffee tables with tubular aluminum legs, a seated figure made out of leftover mortar, all interior doors, and mobile sculpture created from scraps in the yard.

Just recently I built a carport by digging out a section of hillside and laying a concrete block retaining wall. I have a few more things to do, like building a sewing center in the workroom, but even a home handyman can't always find time for everything he wants to do.

Carport was dug out of hillside; sides are shored with concrete. Tar and gravel roof is supported by steel poles. Roof is level with the entrance porch and forms an extension of the base line of the house



The bedroom has high windows which leave wall space below for a double bed. The walls are covered with woven-grass mats which absorb sound. The woodwork and bed frame are painted dark green; bed shelf and spotlights are gray. Note built-in clock and phone niche

 Begins on page 154

Two doorways flank the dining table. The one at left leads to kitchen. The other, at right, opens on laundry and workroom. Kitchen has double doors constructed of plywood slabs with strips screwed on for a vertical pattern. Indirect lighting cove, above doors, runs almost full width of room, gives good general light for the dining area

Slat shade, cut on the bias, sets this reading nook off from the big living room. Corner couches are surplus army cots with wood frames added at base. Mattresses are covered with green army surplus canvas. Coffee table at left is on casters, for serving informal meals

Amazing Plastic Floor !

CUTS CLEANING CARE ! up to 40%

Want a miracle floor—a sparkling plastic wonder that *glows* with beauty and laughs at dirt? That's Flor-Ever, the new Vinylite creation that stays bright with less, less waxing—and is cleaned far, far faster and *easier*. Why is Flor-Ever so wonderful? It's NON-POROUS...greasy grit and dulling film can't get a grip on this slick, super-smooth surface — and *nothing used in kitchens can stain Flor-Ever!* (Think, too, how grand Flor-Ever will be on kitchen sinks and counters.)

By the Yard... By the Tile

Flor-Ever

Vinylite Plastic

Send for free Test Sample

Check yourself! Pour on any grease or food — see how fast it wipes off — see that even household bleaches can't stain. Discover the *modern* flooring. Mail coupon.

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WEARS LONGER !

Flor-Ever also SETS NEW STANDARDS FOR FLOOR DURABILITY! It is solid, ultra-durable Vinylite clear through to the Permoseal back. Yet Flor-Ever is *not* expensive. And — it's available by the yard for laying in sheets — or in tiles, for unlimited floor designing. Ask your flooring merchant about Flor-Ever. Every claim is *guaranteed;* with quality certified by The United States Testing Co.

Remodeling costs less than you

It's easy to have a cellar game room, with a few panels of Gold Bond Gypsum Wallboard. Finish it with Gold Bond Color Texture, the new decorative material that goes on like paint and covers walls like plaster.

Is there a game room in your future? Why wait?

ALL you need for a start is a basement. If there's a coal bin or a fruit closet in the way, chances are you can juggle them around to get all the space you need for a big, extra basement living room!

BEAUTIFUL LOW-COST WALLS

The actual remodeling part is easy and inexpensive . . . if you use some of the materials Gold Bond research has developed for you. Take Gold Bond Gypsum Wallboard for example. Fireproof, sturdy, moisture-resistant, it comes in big panels that are easy to nail up and easy to decorate. Joints can be made smooth and invisible with the Gold Bond Perforated Tape Joint System, another product of National Gypsum.

You can paper, or paint with fast-drying Gold Bond Sunflex, or finish with Gold Bond Color Texture. This amazing material goes on as easily as paint . . . but covers walls like plaster. The surface is then textured with a sponge, roller, whisk broom . . . even a piece of crumpled paper. Comes in the eight new colors women say they like best.

CEILINGS ARE EASY, TOO

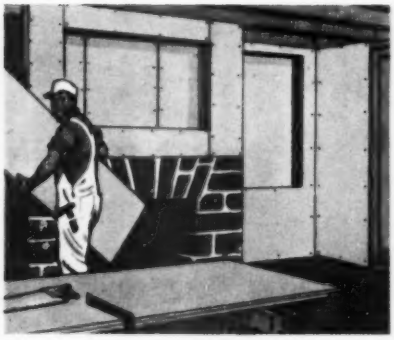
In the room pictured above, Gold Bond Insulation Tile was used for the ceiling. This decorative material muffles noise like magic . . . an important advantage for recreation rooms. Interlocking edges completely hide nails or staples.

The next page shows more hints for low-cost remodeling. You can build or remodel better with 150 Gold Bond Products, all available through your local Gold Bond Lumber and Building Materials Dealer. For good advice see him first!

NATIONAL GYPSUM COMPANY
BUFFALO 2, NEW YORK

think . . . the Gold Bond way !

1. A messy cobwebby cellar like this can easily turn into the kind of game room shown in the big picture at the left . . . an extra living room where the children can have their parties without upsetting the whole house.

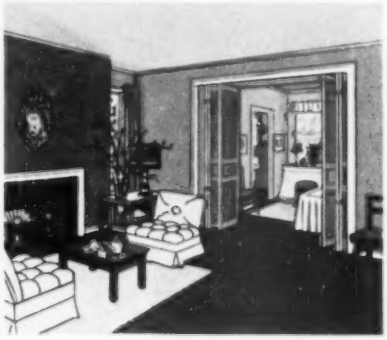


2. The sturdy, permanent new walls are made of big panels of fireproof Gold Bond Gypsum Wallboard. Sturdy and moisture-resistant, they're a cinch to nail up. Also easy to decorate (see next picture).

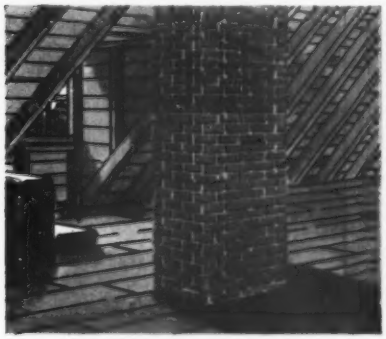
3. Add Color Texture, and you have a beautiful long-lasting finish, because Gold Bond Color Texture is actually a coat of plastic plaster, now available in the eight most charming colors you've ever laid eyes on.

1. An old-fashioned double parlor can quickly be converted into a modern apartment with Gold Bond Wallboard and Color Texture. Newlyweds are begging for apartments like this and it means a rent check every month.

2. Partitions go up fast with fireproof Gold Bond Gypsum Wallboard. It's sturdy as a rock, yet easy to saw and nail. Joints are hidden with Gold Bond Perforated Tape Joint System to make a continuous smooth wall.



3. You can decorate Gold Bond Wallboard like any other kind of wall. Use Gold Bond Sunflex, the one-hour paint without a painty smell. Or Wallpaper. Or get a lovely "texture" finish with Gold Bond Color Texture.



1. If your attic's a refuge for trunks and spiders, why not dispossess 'em for somebody that pays rent? No reason attic space can't be as comfortable as any part of the house if you insulate with Gold Bond Rock Wool.

2. There's gold in those fireproof Gold Bond Rock Wool Batts . . . money you'll get back in fuel savings (up to 40% if you're insulating the whole house). Get them full thick to keep rooms cool in summer, warm in winter.

3. Here's magic! A snug apartment . . . built the Gold Bond way, with Gold Bond Rock Wool for year-round comfort, and Gold Bond Gypsum Wallboard decorated with Sunflex or Color Texture for lasting beauty.

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French-fried potatoes

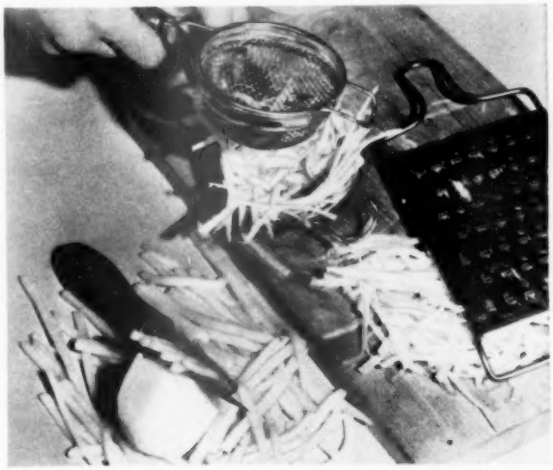
Begins on page 114

Waffled potatoes

How to slice. Pare medium-size potatoes and shape into cylinders the width of the waffle cutter. Cut thin slice with the cutter. Turn potato a quarter way around; slice again. This makes a waffle slice. Now cut across the ridges each time.

How to fry. Wash and dry potatoes thoroughly. Fry about a dozen slices at a time in deep, hot fat (390°) 3 to 5 minutes, or until delicately browned and crisp. Drain; scatter on paper toweling. Salt when cool.

Potato baskets



How to slice. Push pared potato full length of medium fine grater. For plain match-size strips, cut potato in paper-thin slices. Stack several slices together and cut again into thin strips. Or use special cutter shown left of board to cut slightly larger, julienne strips.

How to fry. Line a 2- or 3-inch sieve with grated potatoes; then place a second sieve (same size or smaller) inside first. Tie sieves together. Hold in deep, hot fat (390°) to cover. Fry 3 to 5 minutes, or until potatoes are crisp and delicately browned. Drain. Don't separate sieves till baskets are cool. Store in airtight containers.

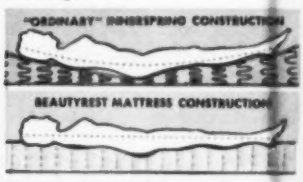
When you need rest most . . . you need Beautyrest . . . yours for only 2¢ a night!

WHAT A JOY . . . when you're tense and tired . . . to be able to look forward to nights of deep, satisfying rest on a Beautyrest mattress.

And what a double joy to know that you can own a Beautyrest* for only a few pennies a night. Yes, the world's most comfortable mattress—prize of kings and presidents—is yours for only 2¢ a night!

Own one tonight! Stop in at your dealer's. Let him show you how Beautyrest is made differently from all other mattresses. Why it gives you an entirely different conception in sleeping comfort. Stop in today!

Proof . . . No Sags! Glass of water placed on any one of 837 Beautyrest springs won't tip when nearby spring is depressed. For springs are *NOT* wired together. Can't pull each other down. Can't sag!



You Get Perfect Support. Top chart shows how ordinary mattress lets body slope—hammock-like. Beautyrest (bottom chart) gives perfect "Levelized Support" to your body. No hollows.

Proof: Lasts Longer! Beautyrest took 740,744 more poundings from special "Torture-Tester" machine at United States Testing Co. Lasted twice as long as any mattress tested. A real SIMMONS value!

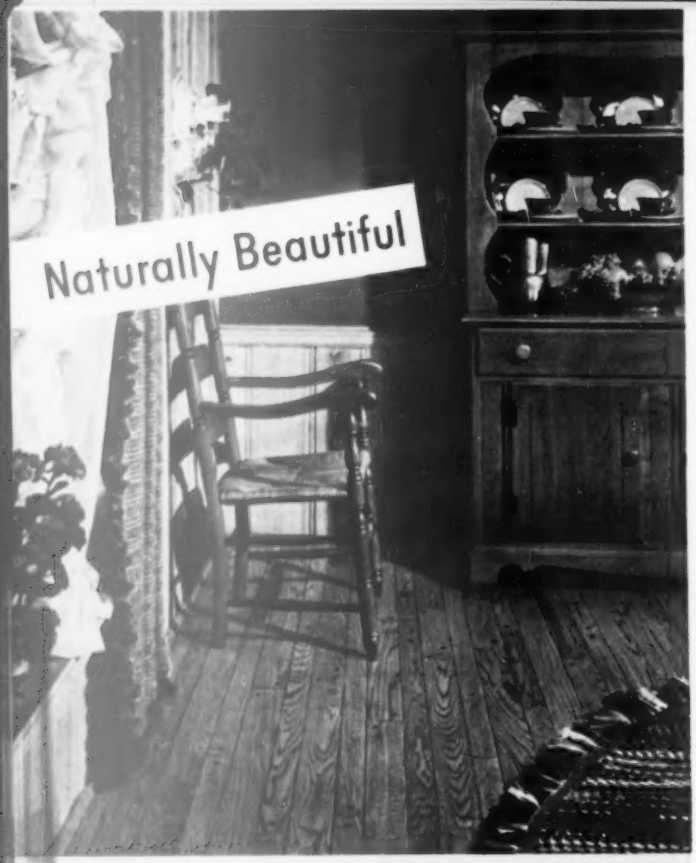
Only Simmons Makes

Beautyrest

ALSO FROM THE HOUSE OF SIMMONS: Matching Beautyrest Box Spring, Deepsleep* Mattress, Hide-A-Bed* Sofa, Ace* Spring.

*Trade-mark Reg. U. S. Patent Office.

Copr. 1951 by Simmons Co., Merch. Mart, Chicago, Ill.



Floors of lasting charm

Use glamorous Bruce Hardwood Floors to help decorate your rooms. Their warm, natural beauty harmonizes with any colors...shows off your furniture to best advantage. To give your home unusual appeal, choose a Ranch Plank Floor (above) with its distinctive random widths and walnut pegs...or a modern parquetry floor of Bruce Blocks (below).

These solid oak floors, with their superb factory-applied finish, will last for years and years. Ask your architect, contractor or lumber dealer. For booklet with room photos in color, write E. L. BRUCE CO., Box 397-R, Memphis 1, Tenn.

BRUCE **Bruce Hardwood Floors**

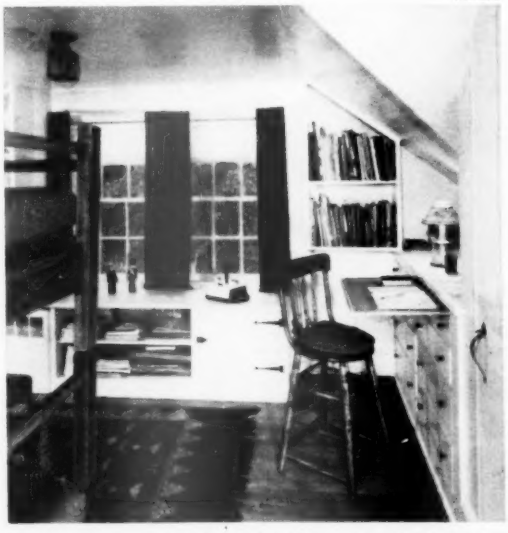
By the world's largest makers of hardwood floors

You can put a desk almost anyplace

Desks don't necessarily have to be big furniture pieces. Just decide where you want the desk to go and then build it in to fit the space

There's no wasted space here. The den's small, so the long built-in desk was placed flat against the wall under bookshelves in the Charles K. Freeman home, Croton-on-Hudson, New York. The doors above the desk fold down and take the place of desk drawers. The wall covered with burlap and painted black is fine place to pin up reminders

Howland



If your son wants and needs a desk in his room, but there's no place to put it, here's an idea that can help solve your problem. "Sliding desk," that works like a kitchen cutting board, is placed above built-in drawers. This is really a built-in room. Only the bed and chair are movable. The Leland S. Brown home, Bedford, New York

Space by large clothes and storage closet was just right for this desk in the bedroom of the Byron Vandegrifts' young son. Top is covered with a durable plastic, so desk makes a fine playtable, too

de Gennaro

Simple built-in desk fits gracefully by bed in the Vandegrifts' home. It's a night table also, with two bookshelves below and wall cupboard storage space at the right side. Designer: Paul Sterling Hoag

Ward

This desk top hangs from the wall, braced below, eliminating the need for legs. Room was small, so desk was made to fit the space behind the door to this boy's room. There's no danger of knocking over a lamp either, with fine reading light attached to wall. The Pope Wager home, Glencoe, Illinois. The decorator is Ben Davidson

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POWDER AND CAKE
USE THEM BOTH

The safe, speedy cleanser

BON AMI "hasn't scratched yet!"

AT YOUR PEN DEALERS

Parker Preview for Fall!

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New Parker "51". Slim regular size . . . or demi-size. 7 colors. Gold-filled caps (F.E. tax incl.): sets, $29.75 up; pens, $19.75 up. Lustraloy caps (no F.E. tax): set, $19.75; pen, $13.50.

Only pen with the Aero-metric Ink System! Draws in, stores, safeguards, releases ink a new way. Pli-glass reservoir (no rubber parts!) lasts longer, holds more ink visibly. Easier filling. Plathenium-tipped point of 14K gold. Metered ink flow. For New "51", you'll gladly discard all other pens. **WORLD'S MOST WANTED PEN!**

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For straight "A" writing—school, home, office—visit your dealer now. For *double* satisfaction, choose a Parker Pen and Pencil set. (Gift boxed.) The Parker Pen Company, Janesville, Wis., U.S.A.; Toronto, Can.

P.S. *"51" and "21" Pens "write dry" with Superchrome Ink. No blotters needed.* **Note:** They *can* use any ink.

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New Parkette. *Parker writing satisfaction to fit any budget. Exclusive styling. Metal slip-on cap. Smooth, interchangeable point. 4 colors. Pen, $3.00 . . . with pencil, $5.00. No F.E. tax.*

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New Parker "51" Special. *Miracle Octanium point.* Pli-glass *reservoir (no rubber parts). Visible ink storage. Metered ink flow. 4 rich colors. Lustraloy cap. Pen, $10.00 . . . with pencil, $15.00. No F.E. tax.*

$5.00

New Parker "21". *Finest at its price. Octanium point. Visible ink supply in* Pli-glass *chamber (no rubber parts). Special ink flow control. 4 colors. Lustraloy cap. Pen, $5.00 . . . with pencil, $8.75. No F.E. tax.*

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Protect yourself against financial disaster

Begins on page 6

expense, depending on his policy. As soon as the expense exceeds this deductible amount, the disaster policy takes over, and pays 75 percent of all medical expenses up to $5,000.

Once in effect, the disaster policy has few limitations. For example, the individual policy offered by one large company sets a daily limit of $15 for a hospital room, but there are none of the usual limitations about cost of operations, medicines, nursing care, or other charges.

Disaster insurance got its start back in 1948 when, contrary to the usual method, a group of laymen sold an insurance company on their Big Idea.

The original group that experimented with disaster insurance was an employees' association in one of the country's largest manufacturers of electrical appliances. It was a group composed of scientists, engineers, and managers earning over $6,000 a year.

After working out a program, the members enrolled with the understanding that the plan was experimental, and one of the largest mutual casualty insurance companies in the nation agreed to underwrite the plan, also with the understanding that it would be open to amendment according to actual experience. Premiums and payments were determined by an educated guess, as there were no statistics from which to work.

The plan went into effect on February 1, 1949, with better than an 85 percent enrollment. The average number of lives covered in the first year was 2,050, and the average gross premium paid was $36 for a year's coverage.

As first set up, this was a $300-deductible plan, since it was assumed that the members were already enrolled in existing benefit plans that would cover this first $300 of medical expense. A maximum benefit of $1,500 was established, with the plan paying 75 percent of the expenses between $300 and $1,500. A chronic illness was allowed a maximum payment of $3,000, should it cause expense beyond one year. Medical expense was defined as any expense incurred by the member for diagnosis, treatment, or cure of an accidental bodily injury or disease. Such medical care had to be authorized by a physician licensed to practice medicine, and included physicians' fees, nurses' fees, hospital and clinic fees, drugs, dressings, and appliances. The age limit for enrollment was set at 65.

After one year of operation, there were some statistics to study, and some questions could be answered.

In that year 51 members submitted claims. That means that 51 out of some 1,700 people had medical expenses *in excess of $300.* Of the 51 claims, only 4 would have benefited had the maximum been higher than $1,500.

It is also interesting to note the causes that created heavy medical expenses during the year. Keep in mind, when reading the figures at the bottom of the page, that the average payment shown indicates only 75 percent of the cost in excess of $300.

After all claims were paid, it was discovered that the initial premium had been higher than needed, and it was possible to make a refund that reduced the net cost per member to $23.40 annually. Also, the members of the plan had discovered that *expensive illness strikes often enough to make extra protection a vital part of their insurance program.* The plan was extended to include dependents, with an added initial premium of $3 a month.

With the first experiment a success, the insurance company made another test, in this case offering the plan to all the employees of another large concern. Here they discovered that only 10 percent of those making under $5,000 a year were interested, while 85 percent of those in the $5,000-and-up bracket signed up. However, with five million people in the $5,000-and-up income bracket in the United States, the insurance people feel they have a sufficiently broad base to support a nationwide disaster insurance program.

The plan is developing in two fields, the group and the individual. Two large companies already have plans in operation that illustrate the similarities and differences we can expect from the insurance companies as a group.

Under the plan offered by one of the largest mutual casualty insurance companies, 75 percent of those eligible in a group must enroll before the plan can become effective. A minimum of 10 persons is required except in states like Iowa, where the minimum is set by law at 25. Classifications are based on either wages or type of occupation and are established on

[*Turn to next page*

Cause	Average Age	No. of Claims	Average Payment
Heart and circulatory	53	17	$597
Cancer	57	7	896
Nervous disorders	43	3	482
Fractures	46	4	453
Gastro-intestinal	45	8	617
Hernia and hemorrhoids	53	8	230
All others	51	4	597

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Magicpanel® rainproof, draft-free filtered-screen ventilation control	yes	
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Scientific breathing action to reduce fogging and moisture	yes	
Positive sill drainage	yes	
Patented Thermolok® adjustable closure frame	yes	
Dependable company, 15 years service, and over 7,000,000 installations	yes	
Rusco Lumite plastic safety screen	yes	
Manufacturer's written guarantee	yes	
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It's just good sense to choose combination windows the way you'd choose a car or refrigerator—by making sure the product is right and *also* that it is backed by a sound company you can depend on for service. So before you buy *any* combination window, investigate RUSCO and compare! Call your local Rusco man for a free home demonstration.

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(Also available in Aluminum)

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No messy job!

No reeking pail!

Just wash it away with a G-E Disposall!

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That's all you have to do—once your sink is fitted with the revolutionary General Electric Disposall.® For this amazing electric appliance shreds all food wastes into tiny bits—which are *washed* away at once to sewer or septic tank.

This Disposall will keep your home garbage-free year after year—at an operating cost of just a few pennies monthly . . . and the G-E Disposall is by far the finest, most dependable appliance of its kind.

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Scrape food waste into drain opening . . . then lock Twistop safety control with a turn to the left.

Turn on cold water. This automatically starts Disposall action. All food wastes are shredded into tiny particles . . . and *washed* away.

Trim and specifications subject to change without notice.

G-E DISPOSALL

The G-E Way To Wash Away Garbage

GENERAL ELECTRIC

Protect yourself against

the basis of conditions pertaining to employment. Coverage may be extended to cover dependents, but at least 75 percent of those with dependents must enroll before they can be insured.

The four basic plans this company presents to a group are as shown below.

If someone enrolled under Plan 2—at present the most popular—incurred a medical bill of $3,600, it would work as follows:

The individual would pay the first $300. The plan would pay 75 percent of the remaining $3,300, or a total of $2,475. That would leave the individual to pay a total of $1,125 on a $3,600 bill. Since most companies have a group hospital and surgical expense program already, this would probably pay at least the initial $300 and perhaps more. Thus a $3,600 medical bill would be reduced to $825.

Another large company offers medical disaster insurance on an individual basis. The individual plan is also a deductible type, fashioned after deductible automobile insurance, and it, too, pays 75 percent of the excess expenses up to a stated maximum. As presently set up, the plan for individual coverage is somewhat higher than a similar group rate. The planned initial schedule of annual premiums is shown at the bottom of next page.

For coverage of a wife and children only, or a husband and children only, the premiums will be the same as for a husband and wife. Children born after the policy is in effect are automatically included in its coverage.

All the insurance companies feel that it is essential for the insured to have a continuing financial interest in the medical expense if the plan is to work. As long as the individual has to meet 25 percent of the cost, he will have an interest in keeping his expenses to a minimum, and the possibility of medical overcharging is also reduced. In the long run, the insurance people feel, this will enable them to keep their premiums low, and so provide a maximum savings with maximum protection.

Some of the questions which have already been answered by experience are these: Will medical costs go up if there is a broader insurance program to cover them? Will people be tempted to spend more on medical care because higher costs are covered?

The answer to both questions so far has been *no*. Costs have not risen, and people, perhaps because of their 25 percent financial interest, have shown no indications of going on a medical spree.

Here are some other questions frequently asked, and the answers as known at this time:

I am going to have a baby next month. If I join this plan now, will I be eligible for maternal benefits?

Yes—if for any reason your costs exceed your deductible amount. The plan assumes that a normal pregnancy and delivery will be covered by existing maternal-benefit plans which most people have, or, that the cost won't exceed say $300 if it is paid out of the individual's pocket. If there are complications, and the medical cost exceeds that $300, the plan starts paying off.

I bought an inexpensive polio insurance that pays up to $5,000. If I buy this plan, and polio should strike, does this affect the disaster insurance payments?

Not at all. Because your polio policy is limited to one type of illness, it is possible to give larger benefits for a smaller premium. Some companies will pay benefits under their disaster policy even though there is polio insurance covering the same risk. Other companies have special provisions.

If I can insure against a disastrous expense, why should I keep my old health insurance with its limitations?

Standard group or health insurance is worth what it costs. You may drop that insurance and be able to pay a medical bill of $200 without difficulty. You may have several small bills in the course of a year, and one bill may be more than $300. But these several small bills could *total* much more than that. Disaster insurance will not replace your usual protection. It is security against the less common but crippling expense that accompanies a major illness or accident.

How can the company be sure I'll pay my 25 percent of the excess cost? On a large bill, the doctor would be glad to settle for 75 percent of what I owe.

The answer of one insurance company is this: It pays its 75 per-

Four basic plans

Deductible	Maximum	Monthly Premium	
Plan 1: $300	$2,000	For you	$2.10
		You and dependents:	4.20
Plan 2: $300	$5,000	For you	2.25
		You and dependents:	4.50
Plan 3: $500	$2,000	For you	1.75
		You and dependents:	3.50
Plan 4: $500	$5,000	For you	1.90
		You and dependents:	3.80

financial disaster *Continued*

cent of the cost when you present a receipted bill for 25 percent.

Will companies start competing on rates when the competition gets tough? Maybe if I wait I can buy a $100-deductible policy for the present price of a $300-deductible.

Insurance rates and schedules are determined by statistics, not guesswork. As the deductible sum is lowered, the greater becomes the coverage, and the more claims that will have to be paid. The only way a company can pay claims and stay in business is by staying on the safe side of the statistical table. A cut-rate, bargain premium isn't good insurance. A company that is there to pay off when you need the money is.

Are there any instances in which I cannot collect from my disaster insurance policy?

Injuries or illnesses suffered as a result of an occupational mishap, which are covered by workmen's compensation, are not paid for under this policy.

I have a chronic illness and no one will insure me. How can I get this protection for my family?

One company has this provision: "Where a family application is received and one or more members of the family are found to be uninsurable, the company will offer a policy to cover those family members who are insurable." Other companies probably have similar arrangements.

It is important at this point to remember that personal medical disaster insurance is still in its very early stages. As yet there has not been enough experience from which to draw many definite conclusions about probable future rates or payments.

On the basis of the figures available, it would seem that about 1 person in 30 can expect to incur medical expense in excess of $300 in any given year. If this average continues, it certainly indicates that such insurance is needed by every family.

Whether or not the particular type of insurance plan now being offered as the answer to socialized medicine will be that answer, remains to be seen. At present, disaster insurance, especially on an individual basis, is not cheap, and is attractive mainly to those with better-than-average incomes. The people making under $5,000 a year have not shown a great interest in the plan, and they are the ones who may need such insurance most.

As the new form of insurance grows and spreads, it is highly possible that it will be combined with some form of the standard health and accident policy, so that a kind of split coverage can be offered, with one part of the policy taking care of the minor medical fees, and the other section covering severe bills.

Not enough is known statistically to form definite opinions on whether rates will have to go up or down, or how the program may be broadened or narrowed. Off the record, most insurance men think that this type of insurance will meet the great need for a program to cover the expensive emergencies, and are optimistic about the chances for further cuts in premiums. Time will decide.

Executives of the major insurance companies believe that this is one of the biggest unfilled gaps in insurance at the present time. As they see it, the more completely the insurance industry covers the real area of need, the less reason there is for any type of compulsory health insurance.

And, typical of the caution with which insurance men think of the future is this statement by a veteran underwriter: "Despite the satisfactory experience with the pilot test, we must proceed cautiously. We don't give guarantees as to the adequacy of rates, and we ask willingness on the part of the insured to modify the plan in accordance with experience."

In its way, disaster insurance is as revolutionary in the field of insurance today as our standard health insurance was 15 years ago. Regardless of how the future may cause the program to be modified, it offers the first real financial protection against expensive illnesses or injuries.

As of today, it is a good buy.

Planned schedule of annual premiums

Insured	Daily Hospital Room and Board Benefit	Maximum Over-all Benefit	Annual Premium for Deductible of $100	$300	$500
Individual male	$10	$2,500	$42	$32	$24
Individual female	10	2,500	56	40	30
Husband and wife	10	2,500	85	60	40
Family (Husband, wife, and one or more children)	10	2,500	115	75	50
Individual male	15	5,000	60	46	35
Individual female	15	5,000	84	62	46
Husband and wife	15	5,000	130	95	70
Family (as above)	15	5,000	175	125	90

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Driver Dick Smith travels same road nightly, knows accident traps

Lawrence Pace: "When you're hauling 'dynamite' don't hot rod"

You can be an expert driver

Ever eat at a truckers' stop? Ever talk to men who are on the highway every day? They'll tell you things you can't afford to forget

By James M. Liston

Bus pilot Frank Steinhart's job depends on his ability to fit his driving to the traffic pattern

This article was written in the cab of a petroleum transport probing its way through fog along the bluffs of the Mississippi; it developed on the loading docks of trucking terminals where highway drivers swap night-driving experiences; it was written on a Greyhound bus while the driver watched for accident traps the average motorist doesn't recognize.

This story was written by men who log more than a thousand miles a week under all kinds of conditions on the nation's highways, men who are always willing to learn something new from another driver's experience.

If you've been driving for years, you probably handle your car with confidence. That's good; confidence makes you cool-headed in tight situations. But to be confident, you have to know what you're doing; you can't afford to *forget* anything you've already learned. That's why it's good to review the fine points occasionally. Take highway driving, for example.

There's a big difference between your familiar, around-town trips and the sort of thing you get into when you hit the open road for that weekend fishing trip or the long drive when you visit relatives over the holidays. When you take to the highway, you're operating in another league. Either you drive like a professional or sooner or later . . . well, you've seen them strewn along the road.

When you interview professionals about their driving habits, it surprises you that they put so much emphasis on things most drivers consider old stuff. A man like Frank Steinhart, for example, who pilots a Greyhound bus between Chicago and Toledo, will tell you: "Following too closely—that causes more accidents than anything I can think of. And those mirrors, people don't use them enough. Fifty percent of good driving is in your mirrors."

But a man who's driven every day for 15 years without even a minor accident doesn't chalk up a record like that without learning a few more tricks of the trade. We asked Frank to give us some pointers on passing.

"The smart thing to do when you're getting ready to pass is not to tail the car ahead too close," said Frank. "People pull right up behind the car they're going to pass and dodge in and out to see if the left-hand lane is clear. They figure that the closer they are to the car ahead, the less time it will take for them to go around. The good driver actually spends less time in the left-hand lane when he stays well back of the car in front. He can get a better view of the road ahead, and the second an oncoming car passes and the lane is clear, he can start accelerating. He'll have a running start.

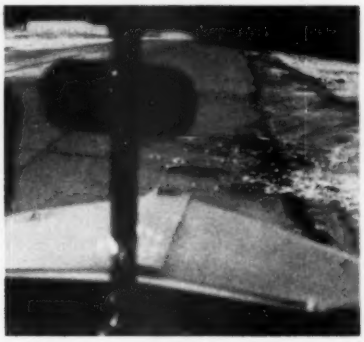
"Of course, you often have to keep your eye on three cars at once when you're going to pass—the car ahead, an oncoming car, and the car behind. And that car behind is important. Check it in your rear-view mirror. Is the driver alone or is he talking to someone? [*Turn to page 170*

"*Somebody ought to teach him how to drive.*" If you've ever said that, perhaps—in the interests of safer driving—you'd be willing to pass along to others some particular phase of driving strategy you've discovered. It may be a lesson you've learned from an accident or a near accident, a defensive driving habit, or a simple car-maintenance idea you've developed that other people can profit by. Address: "The Family Car," *Better Homes & Gardens.*

Here's a little "refresher course" on things you've got to remember

Just over the hill

If the road is full of curves and hills, you have to be on your guard for this sort of thing. Farm machinery is slow moving; you're on top of it in a hurry. Make time safely on the straightaways

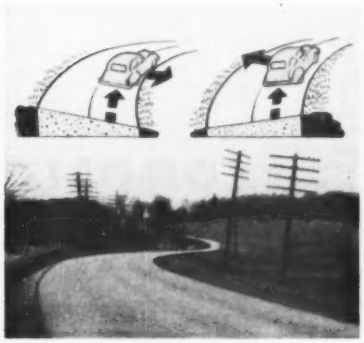


What are you getting into?

Drive well ahead of your windshield and you'll spot holes like this. You'll also save money on front end alignment repairs. When pavement begins to look shabby, you can expect more of same

Off onto the shoulder?

Don't try to get back too soon; you may sideswipe or roll. Slow up gradually, leave brake alone. Wait for spot where road and shoulder meet, check in mirror, then cut your wheels sharply



Don't be fooled by a curve

This curve (like sketch at right) is banked wrong way. At high speeds or in wet weather, it can throw you. Old roads often have flat, dangerous curves. If the road is new to you, better test

Caught napping?

Find yourself traveling too fast when you're in a curve? Maintain your speed, apply only enough brake to stay on the road. This is an emergency technique. Use brakes *before* you hit the curve

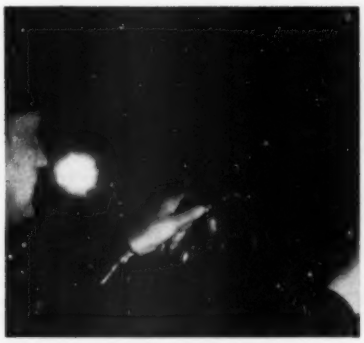
Better look again

If you hang a coat on a side window to serve as a sunshade for passengers in the rear, you'll have to be doubly careful at wide-angled intersections. You'll have to put your head out or move the coat

Photographs: Kite, Pease, Gordon, Hufnagle, AAA of Iowa

If he won't dim down

He may be drunk or crazy. Don't give him your high lights; two blind drivers are worse than one. Concentrate on edge of road until past. Slow down; it takes 7 seconds for your eyes to adjust



Don't follow with your highs

This is what happens inside the cab of a truck when you follow with your high lights on. Your lights strike side-view mirrors, blind the driver; if he cracks up, you're almost sure to be involved

Which way is he going?

You're lucky if you see him silhouetted against the sky this way. When you dip down into a valley after staring into the sun at dawn or dusk, you want to be awfully sure of what's in shadows

More on next page

Are you sure you have enough time?

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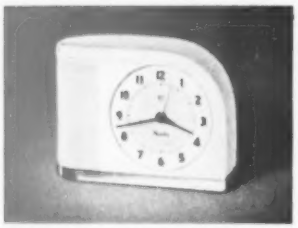

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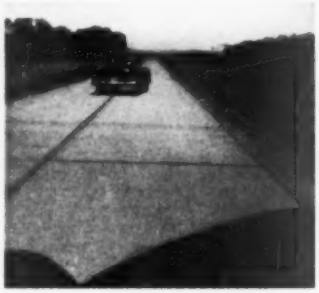
You can be an expert driver

Begins on page 168

The right way to pass is to stay well behind the car ahead—where you can see around it. When the lane is clear, square off (as the car at left has done) and make your run. At night keep your lights down until you're past



Don't dawdle in the oncoming lane; that way you'll have more time to get back into your lane at an easy angle. Best rule is to wait until you can see car in your mirror before you pull over

Does he have his mind on a pretty girl or on his driving? *You have to be sure he isn't going to try to pass before you start your run.* Check your mirror again just before you pull out."

(You will find some additional suggestions on passing a car or truck at night on page 172, under "How to pass a truck at night.")

How to use your horn. "How about sounding your horn when you pass?" we asked. "Is that always necessary?"

"Well, there's a big difference between a 'horn driver'—who thinks that the sound of his horn eliminates the need for caution—and the professional driver who doesn't hesitate to use the right horn at the right time and then follows up by proceeding cautiously. We sound our air horn 100 to 500 feet down the road,—depending on the speed we're traveling. It's a loud blast used for warnings at long distances. For close work we use our electric horn, and we just give a polite tap to say, 'I'm behind you, sir.' That's our rule, and its purpose is to alert the man ahead. We're never allowed to pass without a signal because we might startle a driver so much he'd go into the ditch. And for the same reason, we're never allowed to blast you with the air horn when we're alongside.

"You see, when you're traveling at high speeds, you can never be sure the driver ahead has heard you; he might have his radio going, too. And yet you don't want to *irritate* him by blowing again if he knows you're there. Watch his reactions; if he pulled over slightly when you first sounded, if he glanced up in his mirror, he probably knows about you. But the real answer is the polite use of the horn, not the get-out-of-my-way tone.

"Suppose you get a driver in front of you who won't pull over and let you pass? It will make you mad, but don't be foolish. Don't attempt to force your way past him. For all you know, he may be drunk or crazy. Stay behind him. Your patience may save your life. I once had to follow a driver like that for 20 miles. It doesn't seem so bad now, but if he had ditched me, I never would have forgiven myself."

Don't "teach him a lesson." "You've probably had this happen to you many times: A driver cuts you off or deliberately does something that's downright mean, illegal, and dangerous. Your first impulse is to go after him and teach him a lesson. Resist that impulse; let him go. Suppose you were to catch up with him and tell him off; what good would it do? He's only one driver; you can't reform the world. Tomorrow you'll meet another one like him. And if you chase him and get wrecked in the deal? You'll be like the fellows I read about the other day. They couldn't collect from their insurance companies—deliberate negligence. The judge threw the book at them for reckless driving."

"How about this, Frank?" we asked. "We've had one man tell us that he thinks bus drivers are a bunch of grandstanders, cowboys, always ready to show off for their passengers."

"I'd say that's one man's opinion, but it just doesn't add up. A bus driver is responsible for the lives of 37 people, his bus (which is a $50,000 investment), and his reputation (which is his livelihood). Remember, driving is his profession. If he loses that, he's in bad shape. A bus driver must be a mechanic, a driver, a baggageman, a nursemaid, and a public-

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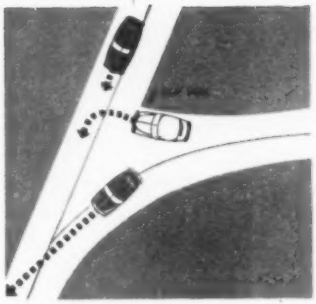

Safe way to enter or cross an intersection like this is to meet it squarely. Center driver has better view of what's coming from right. Driver in foreground must look over his shoulder, around passengers; can't use rear window

relations man for his company. Add that up, and you get a pretty reliable man, a man who must like his work to do a good job. And if he likes his job, he isn't going to run the chance of losing it by grandstanding or playing cowboy."

Driving through water. "How about driving through flooded underpasses and on stretches of pavement that are under water?"

"If you must go through, and you're sure the water won't get as high as any part of your ignition system, wait until the waves caused by oncoming cars quiet down. Then proceed slowly so you won't splash any more than necessary. Start crawling in low very slowly; you can always increase your speed, but once you put your foot on the accelerator, you should *never let up*. The minute you release your accelerator, your exhaust will cause a vacuum that may draw water back into your cylinders. Keep your speed steady, and you will get through."

How to dry your brakes. "Be sure to check your brakes as soon as you get out of the water. More than likely they'll be wet and won't hold, so don't wait until you have to use them to find out. Dry them by driving for a few seconds with your right foot on the gas, your left foot on the brake. Test them again and repeat the operation if necessary."

How to take a curve "There's really only one way to take a curve," said Frank Steinhart, "and that's to brake down to the safe speed indicated on the highway marker before you go into it. *Don't coast*, keep your foot on the gas all the way around and stay in your lane."

"Suppose you misjudge your speed; you can hardly keep from putting your foot on the brake when your tires start to squeal, can you?" we asked.

"This is only for emergencies, of course: Keep your foot on the gas and don't let up. At the same time apply the brake with your *left foot*. Don't jam that brake; don't use any more than you have to. And at the next curve, be sure to use the brake *before* you go into it."

Driving strategy. Steinhart says that one of the best ways to keep out of trouble is to "get in the habit of watching the traffic pattern. That way you'll see a situation developing well in advance. The idea is to watch not only the car in front of you, but the second and third cars beyond. That can get to be second nature with you, and you'll be able to guess pretty accurately what's going to happen next. You'll avoid rear-end collisions that way and keep people from climbing your rear bumper."

A bus driver has to cope with city traffic, too, so we asked Steinhart for a rule of thumb for city driving.

"I'd say that it boils down to three things: Keep your distance, watch the pattern, and watch intersections. Never take it for granted that an intersection is clear just because you have a green light. That intersection is as bad as a railroad crossing, and you don't take chances at a crossing even though the warning signal isn't flashing. Remember, a red light doesn't stop a car. It takes brakes."

Incidentally, all the drivers we interviewed told us that when they are on the road they eat lightly. "Eat a lot of starchy, fried foods, and you'll find yourself falling asleep over the wheel—especially at night," they told us. "We don't eat our main meal until we've finished our run."

For more firsthand information on highway driving, we rode with Lawrence Pace of the Ruan Transport Corporation, one of the largest petroleum haulers in the Midwest. In more than 20 years of driving, Pace has never had a serious accident. As he puts it, "When you're hauling 6,500 gallons of 'dynamite' you don't drive like a teen-age hot rod. You don't even take chances when you're empty because this rig of mine is just as dangerous then. It's full of fumes that could be set off by somebody burying a red-hot motor in the side.

"Some people have an idea that truck drivers are highway cowboys. We're not exactly a bunch of violets, but take me for instance. I have a boy and a girl; I'm buying my home. You can see that I want to get home safe."

Sideswipes. As we headed downhill, a car that Pace had been watching in his rear-view mirror started to pass.

"Notice how this fellow is hugging the shoulder. I'm a good six inches inside the line and he has the full width of the passing zone, but because I'm big, the lane looks narrower than usual. If he didn't try to take me on the downgrade—where I pick up speed—he would

[*Turn to next page*

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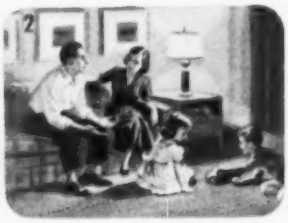
1 Shhh . . . Peg. It's not Pop's fault that he had to move in with us. He just didn't get the breaks—that's all.

I know. But whose fault will it be if we're in his shoes later on?



2 You mean us . . . move in on our children? *Never.*

Why not! With all our bills we can't save. What's to keep us out of the same fix your father's in?

3 I wish I knew, honey. Of course, there *are* retirement plans . . . but they cost too much for folks like us.

Are you sure? Tom Owens has one and he makes about the same as you. I'd ask *him* about it!

SO THE NEXT DAY—

Sure Bill, I plan to retire. At 65 I'll be guaranteed an income of $200 a month for life. All I did to start was pay Bankers Life $10 a month. It's easy, and we never missed the money.

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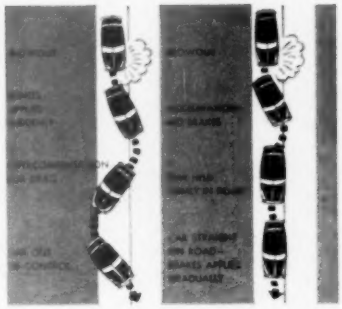
You can be an expert driver

Continued from preceding page



Blowout? Don't let one panic you. Test drivers ride them out every day. A woman can hold one, too. Secret is to keep your speed, not to overcompensate for drag. Rehearse what you'd do, so you'll react instinctively when the explosion startles you

not have to travel so fast; he'd be able to judge distances better.

"If he had given me a horn, he would have been surer that I knew he was alongside. He wouldn't have to edge so close to the shoulder. If he slips off the pavement—especially in wet weather—he may swerve back on, sideswipe me. Giving me too much room is as bad as crowding me."

The car passed and Pace said, "Watch this car that's coming. Notice how he's pulling over farther on his side than necessary? If he'd slow down a little, he could see that there's would be plenty of room."

How to pass a truck at night. "You know what's our biggest headache? Cars that follow us at night with their high lights on. Those lights hit our rear-view mirrors. You see those big mirrors mounted on both sides of the cab? The light that comes in here just about blinds me. And if somebody coming toward me doesn't dim down, I just have to hold on and hope. If I crack up or have to slam on my air brakes, the man who's tailing me is going to get hurt. That ought to be a good reason for dimming down."

"Most people don't know about that, Lawrence," we said. "They think that by using their highs they let you know that they're behind, getting ready to pass."

"What they should do is dim down as soon as they get close enough to see our taillights. Then when they think it's safe to pass, square off, flash their lights up once or twice, then keep them down. They shouldn't put on their highs until after they have passed the cab of the truck. If the truck does not pull over at once, don't conclude that the driver is a road hog. There may be a reason why he doesn't want you to pass. Remember, he sits higher than you do, can see the road ahead better than you. And most drivers travel the same road night after night. They know every rut and turn and narrow bridge on it. When it's safe to pass, many truck drivers signal you to go ahead by blinking the lights that outline their trailer. Of course, blinking the outline lights is also a warning signal when a truck must come to a complete stop—at a railroad crossing for example."

Danger signals. "You ought to approach any unusual light on the road with your car completely under control," said Pace. "When you see a red glow over the crest of a hill, slow down. Sure, it may only be a neon sign reflecting on the night haze, but if it's an emergency flare, you may find a truck stalled in the middle of the highway or the wreckage of a bad accident.

"When you see a light pointing straight up in the air beyond a hill, I hope you'll slow down until you investigate. Whenever I break down, or if there's something blocking the road, I throw my spotlight straight up in the air before I get out of the cab with a reflector flare in each hand."

Pace takes this extra precaution for the few minutes it takes him to set out his emergency reflectors—warning signals that light up when your headlight beams hit them.

We talked to another tank-truck driver, Bill Powers, who has driven more than a million miles without an accident and told us about another warning signal most motorists would miss: "When the driver of an oncoming truck plays his spotlight across his motor hood, don't be too quick to think that he's wacky. Glance in your rear-view mirror. If there isn't a truck following you, he is signaling you that there is some sort of danger ahead. Slow down until you find out what was meant by the signal."

Emergency equipment. Powers has some very definite ideas about the use of emergency equipment by the average motorist. He believes that salesmen and others who do a great deal of highway driving should equip their cars with some of the safety devices motor fleet operators are required by law to carry. He has seen many triple accidents that could have been prevented had cars involved in the first accident carried emergency flares to warn oncoming traffic. The law requires that truck drivers set out flares when they are stalled on the road or parked on the shoulder. One flare (a red flag by day) is placed 100 feet behind the truck, another the same distance in front, and a third directly opposite the truck.

Three 20-minute flares would cost you about 75 cents, which isn't a very

[*Turn to page 174*

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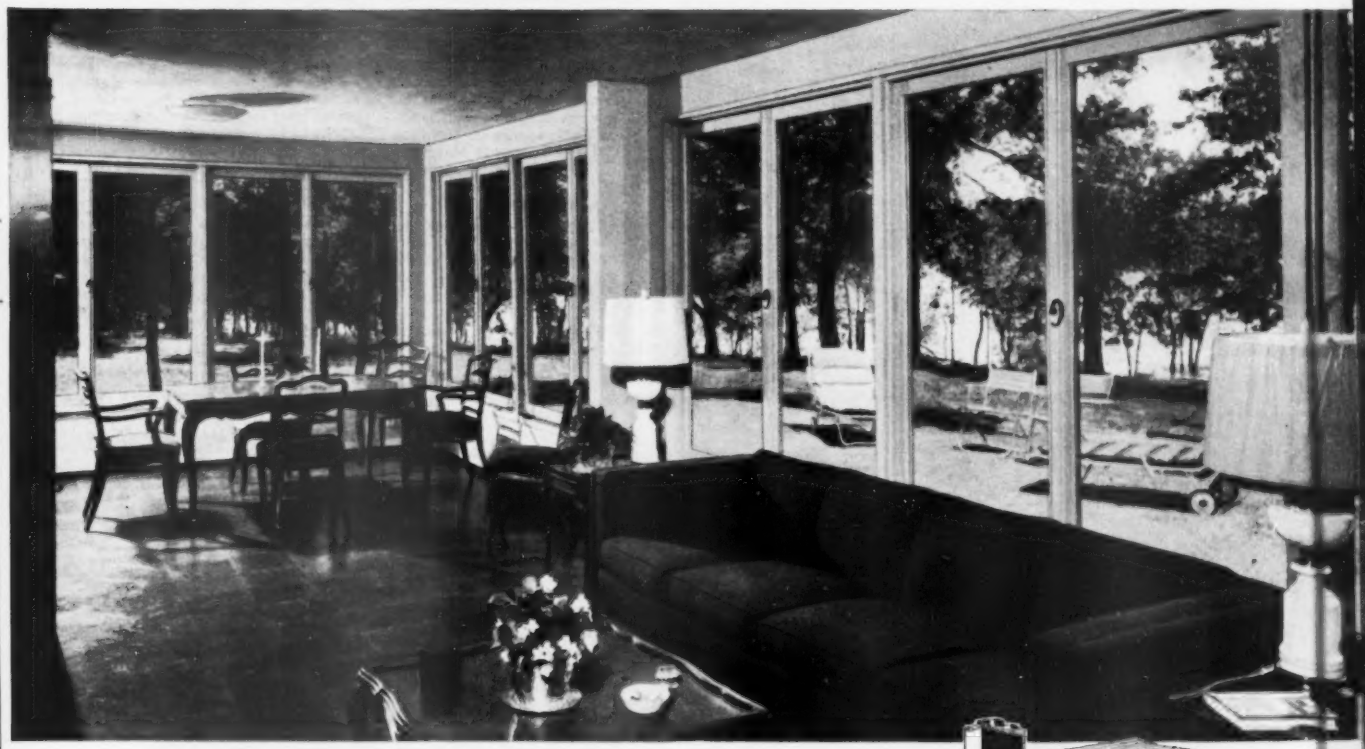

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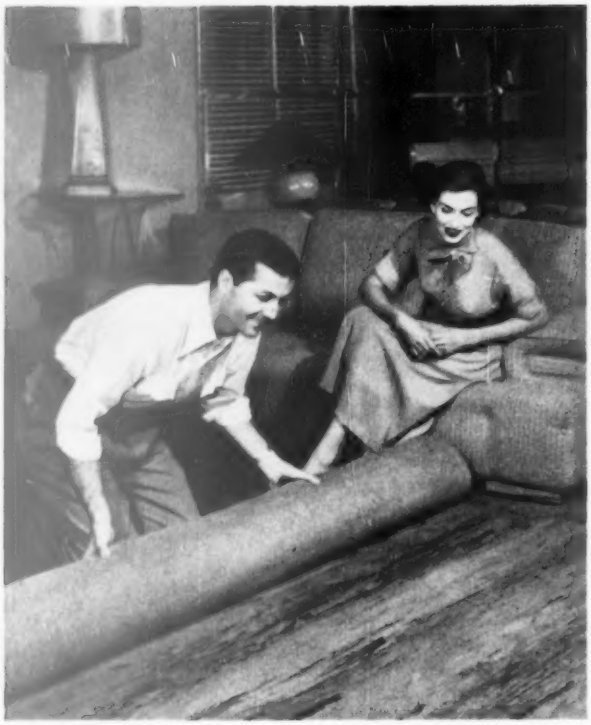

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You can be an expert driver

Continued from page 172

high price to put on your own or others' lives. And even if you aren't in a dangerous spot, a flare will make tire-changing a lot easier.

"Suppose some night a tire goes flat on you just as you get over the crest of a hill. Suppose the shoulder is so muddy you don't want to risk pulling off. Whatever you do, don't park on the pavement or even with two wheels on the pavement. It's better to run on a tire until you get away from a hill. You can get another tire, but you can't get another life.

"But suppose your motor goes out and you can't budge off that hill or that curve? You're a sitting duck without a flare. Sure, you may live but how would you feel if somebody was killed plowing into the back of your car? All you'd have to do to prevent that bloodshed would be to set out a couple of flares."

"There ought to be a law . . ." Powers thinks that there should be a fire extinguisher in the trunk of every car. He cites the case of a head-on collision he came upon not long ago when onlookers stood by helpless, watching the two cars burn. No one had a fire extinguisher. Powers put out the blaze in one car and removed the driver. He fought the blaze in the other car until his extinguisher ran dry.

"If all the cars stopped by that accident had been equipped with extinguishers," said Powers, "we could have doused that fire in nothing flat."

Carrying an extinguisher does not mark you as an old fuddy-duddy. It shows you're a smart operator, says Powers. When your ignition system or your generator gets soaked from driving in water, spray the motor with the extinguisher. It will dry things up in a hurry.

Powers told us that "people will avoid a truck marked 'explosives' like the plague, but some people think nothing of playing tag with a truck loaded with gasoline. If they only knew—what I'm driving is worse than dynamite."

That's something to remember when you're debating whether you can "make it" past a gasoline transport at the foot of a hill.

And Lawrence Pace had this to add to what Powers said: "Some drivers will wait until I'm almost upon them and then decide to pull out onto the highway from a side road. I've got 18 tires on the pavement and air brakes, and I can stop on a dime. But the poor guy who's following close behind me can't."

Thoughtlessness like that can cost an innocent driver his life. You wouldn't want to be kept awake nights remembering something like that, would you? *Why not start?*

Night driving. Night driving, particularly during the summer months, can be very pleasant—if you are fresh before you start and don't have to battle drowsiness. When you plan to drive at night, be sure to get some sleep before you start. Don't work all day and then expect to drive all night. If you do get drowsy, get out and check your tires, wipe off your headlights and windshield. Moving around and getting some fresh air will work wonders.

On cool nights, don't drive with all your windows closed. Sure, your car may be new and you know that your muffler and exhaust gaskets are tight, but you'll never wake up if you get one whiff of carbon monoxide. When an exhaust manifold gasket blows, you'll never hear it and the fumes will work their way into the car.

People think that when they're traveling 70 miles an hour they are running away from their exhaust gasses. That's true most of the time, but the sudden back drafts caused by passing cars can blow exhaust back under your car where it can seep up and get you. There's always this danger with station wagons when you run with the tail gate open. That's why some people run their exhaust pipe up to the roof of a station wagon. It may look like a chimney, but it's safer.

What is it? If you don't know what it is, you'd better slow down in a hurry until you find out. Leo Meyers, of Bruce Motor Freight who's been driving for 25 years, will vouch for that. Leo told us of the time he met what he thought was a one-eyed car coming toward him on his side of the road.

"He seemed to be coming awfully fast and he wouldn't pull over. I was almost on top of him before I realized it was a tractor traveling the same direction as I was and using the spotlight as a taillight. He was practically at a standstill, but luckily the passing lane was open."

Dawn and dusk are dangerous. Truckers will tell you that the twilight hours before dawn and just after sunset are the worst times to drive. If possible, stay off the road—rest or eat at those times. It's hard to see at such times because your eyes have to adjust to conditions that act almost like camouflage and your headlights aren't as yet completely effective. The drivers we interviewed found that tan, gray, blue, and black cars are hard to detect in twilight haze. If you have a car that color, it's all the more reason why you should run with your lights on early and late. Don't wait until the last minute and don't switch off your lights at the first hint of dawn. And if you are moving fast, drive a mile ahead of your windshield.

Driving at dawn is dangerous because you never know when a farmer will pull out on the highway with a tractor. "I've met them as early as 4 a.m. in a fog, drawing three wagons without any lights or reflectors," says Bill Powers.

Mud on the highway. A paved road may be perfectly dry a few

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hours after a heavy rain, but it can be a deathtrap at high speeds if you're not driving like a professional. The pros make a habit of checking the side roads that lead into the highway. If they're gravel, you're all right—as long as too much gravel hasn't been dragged onto the pavement. If they're dirt roads, cars and farm tractors can leave a trail of clay that will spread a dangerous slick for miles down the highway.

"When you come over the crest of a hill fast, how do you know you're not going to hit something like that?" asks Trucker Vernon Hill. "Even if you know your route as well as we do, you can't be too careful.

"You have to watch for mud slicks on hills and curves after a downpour. Silt from the shoulder sometimes washes across the road at an angle. That's as bad as grease and can ditch you or throw you into the line of oncoming traffic."

Slippery when wet. The professionals will tell you that in wet—or icy—weather, you should always treat with caution these three: wooden bridges, especially if the planks run parallel to the road; high-crowned, blacktop roads; and brick pavement.

Steady 50 does it. Top speed for motor transports is generally 50, except on the downgrade. Their size makes you think they're traveling faster than they really are. Bus and truck drivers tell you that they make good time on long trips not because they travel at high speed but because they hold a steady pace.

"Test yourself sometime," says Greyhound Driver Steinhart, "to see how long you can hold your car at a given speed, 50 for example. You'll find that you forget, start talking or listening to the radio and slip back to 40 or 45. Then when you remember, you step on the gas and push it up to 70. And yet slow-moving trucks will catch up with you in towns, proving that you're not getting so far ahead after all."

Here's proof that the speed boys get to their destination only an hour or so before the steady drivers. Yule Truck Lines, Inc., of Milwaukee hauls freight to Chicago in 3½ hours and doesn't break speed laws doing it. The average motorist can make that particular 88-mile run in 2½ hours if he drives with a heavy foot.

"All that work and added tension to save an hour or so—it isn't worth it," say the professionals.

Have a good vacation?

Take any side trips? Send it, in 300 words or less, to Special Features Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. The trip should be one that can be taken as a side trip from a regular vacation trip. It should be inexpensive, and not too narrow in interest.

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Garage-breezeway remodeling

See also page 70

Remodel for your children

By Charles H. Strain

Phil and Kay Creden did just that. Because both daughter and son reached the age of entertaining at the same time, they decided to finish their recreation room as quickly as possible. Working together with a "We'll do it ourselves" determination to reduce costs, they started right after Easter and did the job in three months of evening and weekend work.

The Credens had toyed with the idea of an above-ground recreation room in their breezeway-attached garage from the time they moved into their new home. Three years ago, they took the first steps by building an indoor fireplace to the rear of the garage, backing it with a barbecue fireplace outside, and adding the roomy screened porch. In the latest remodeling, the so-called maid's room behind the breezeway became a den, and the front is closed in for an entry hall and coat closet.

After. **Trailing plants on built-in plant stands substitute for curtains at each side of the view window, and a fin-type radiator in the window seat heats the room. The floor was built up of yellow-and-brown asphalt tile on top of a layer of insulated sheathing. Now 16-year-old daughter Connie, and 10-year-old Phil, Jr., have their own room for entertaining their friends**

Before. The garage-breezeway side of the house as it was completed 10 years ago. The small room back of the breezeway served only as a catchall

After. A view window replaced the garage door, the breezeway partition moved forward to make a study of the catchall room, and the garage became a recreation room for the Creden children. A roomy screened porch was added at the right. With the brick flower box in front of the big window, the wing has lost any semblance of a garage. Walls are a grayed yellow matching the house, shutters and awnings forest green, and trim is white

Photographs: Bill Hedrich, Hedrich-Blessing

After. With visions of a recreation room several years ago, the fireplace was built with inspiration from a Williamsburg visit. It is of handmade brick from an old farmhouse, and is flanked by pine cupboards. The plaster walls and ceiling above the pine log wainscot were painted yellow. There's an outdoor barbecue backing fireplace

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Not too large;

Begins on page 64

think you'll agree) lots of common-sense planning for a home that's not too large and not too extreme.

How to get plans for this house

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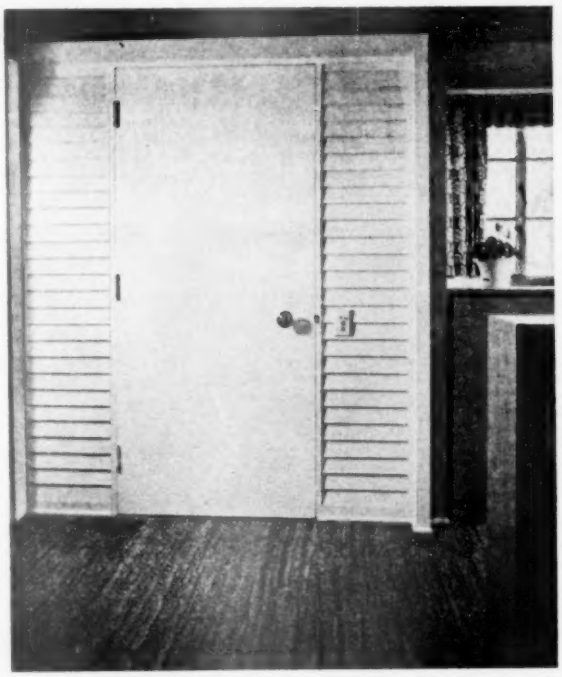

Front entrance, viewed from the living room, is just one of many excellent architectural features of the house. The white-painted slab door and a decorative narrow siding, flanking it on either side, are set in a shadow-box frame to underscore their importance

not too extreme

Bedroom hall opens directly off front entrance, has two big linen-drawer cupboards. Cutouts in drawer fronts take the place of pulls or knobs. Closet at far right holds the family's and guests' coats

Narrow counter with telephone niche separates kitchen from breakfast nook. Shelf-type table serves both as a breakfast table and as a meal-planning desk. Note kitchen storage wall in background

More pictures on next page

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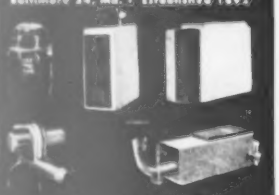

Manufacturers of a complete line of Oil and Gas fired Automatic Heating Equipment

Not too large; not too extreme

Continued from preceding page

Low, built-in storage cases, running the full width of the owners' bedroom, double as headboard for the bed. Sloping cabinets hold extra pillows and provide a comfortable back rest for reading in bed

In the top drawer, underneath the drainboard by the kitchen sink, slotted holders protect knives' cutting edges and save quick grabbers from cutting their fingers. Note the built-in breadboard above

Robert Dane

Second drawer, below the knife drawer, is partitioned to accommodate miscellaneous items of kitchen equipment. Sliding trays create more space. There's no fumbling here for the gadget you want

More pictures on next page

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● Roots haven't a chance to work into Orangeburg Sewer Pipe installed with the new *Fittings* made of famous Orangeburg material and connected with *Taperweld® Joints*. This life time pipeline is root-proof, leak-proof. Use *Orangeburg Sewer Pipe* for house-to-sewer, house-to-septic tank, conductors from downspouts, other non-pressure outside uses. Use *Orangeburg Perforated* for septic tank beds—for draining cellars, fields, lawns. Save with Orangeburg. Send for folder. Orangeburg Manufacturing Co., Inc., Orangeburg, N. Y.

ORANGEBURG
THE ROOT-PROOF PIPE

Not too large; not too extreme

Continued from preceding page

Burners of built-in electric range are installed in counter that separates breakfast nook from kitchen. Electric oven is located in the wall behind you. This arrangement wastes no space, as both oven and range are surrounded with several built-in storage units

Tailor-made cupboards, surrounding the built-in oven, fit all shapes and sizes of pots, pans, and lids. Shaped partitions, separating the lids and the baking pans, are removable for varying storage needs, as well as for easier cleaning

Cupboards below living-room bookshelves conceal built-in radio-phonograph. A hinged top drops down to make continuous shelving. Practically all of the living-room built-ins are of pine plywood construction; are sanded and finished in mellow amber-colored stain

Bedroom shoe storage, built into wall above heating vent, keeps your shoes off the closet floors. The horizontal molding strips act as heel-catchers, holding the shoes to the tilted shelves, so you can select and get at them quickly without having to bend over for them

one stroke wipes it clean

At last . . . a blind that wipes out a top housekeeping headache . . . because it wipes clean with just a damp cloth!

The supple plastic tapes won't shrink, stretch or fade...the spring-tempered aluminum slats snap back to shape.

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venetian blinds custom-made with

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also in packages...so you can retape your own blinds

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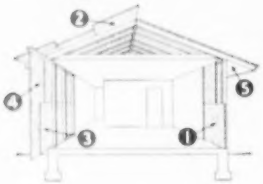
Shows How To Have A Better Home With These Five Pace-Setting

Plywood Features



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House Beautiful Magazine's 1951 Pace-Setter House is planned for a family with a "two-car" income, but even the humblest cottage can be bettered by the same careful planning and use of materials. If you're building or remodeling, give real thought to the ways Douglas fir plywood contributes to its quality construction. Durable Exterior plywood was used for siding, for smooth, flush soffits and breezeway ceilings. Plywood was used for the very important hidden parts of the home, too—for strong, rigid wall and roof sheathing . . . as firm, solid backing for interior wall coverings. *It's the finest construction money can buy!* Learn why these pace-setting plywood features belong in *your* plans. Mail coupon below—*today!*

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Please send me a copy of the 12-page full-color booklet, "Pace Setter House of 1951". I enclose 10c to cover mailing.

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Address.....

City.....Zone.....State.....

How dear to my heart was

Ah, tell me, dear, about the cake,
The one that Mother used to bake!
Regale me with its texture, love;
Its yummy flavor. Tell me of
The dozen eggs, the pint of cream,
The pound of butter in that dream
Of supercakes . . . the nut meats too,
And all that sugar-icing goo.
Oh, tell me all . . . and then inspect
Our budget while I recollect
With longing sighs for old time's sake
The dough that Daddy used to make!

—*Georgie Starbuck Galbraith*

Not too large

Continued from page 178

★ **Contractor-and-owner agreement,** a suggested legal contract which will make sure your home is built as specified.

★ **Cost-finding list of materials** is available for an additional *15 cents.* With this list your builder or building materials dealer can compute in advance the cost of your new home.

These home-planning materials may be ordered conveniently from firms listed below, from your local building materials dealer, your bank, or direct from *Better Homes & Gardens,* Des Moines 3, Iowa.

Use your Home Planning Center. Each of these firms maintains a permanent Home Planning Center ready to serve you without charge. In addition to presenting the *Better Homes & Gardens* Five Star Plan Service, these Centers will help you with your furnishing and decorating problems, and give you ideas for building and remodeling. Look for the identifying seal shown here.

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Some people do nothing more than *wish* summer would never end! Then, there are those value-wise folks who actually *do* something about it! *They* install and enjoy Timken Silent Automatic Heat!

This most important of *all* home improvements brings Indian Summer right into your home—all winter long. All *you* do is set the thermostat—relax—and enjoy clean, steady, convenient heating comfort beyond compare! What's more, your Timken Silent Automatic is quality-built for dependability and fuel-saving economy. More than 25 years of heating experience plus hundreds of thousands of satisfied users is your assurance that Timken Silent Automatic is the *finest* heating equipment money can buy!

See your local Timken Silent Automatic Authorized Dealer today! Let him show you how the advance-designed *wall-flame* heating method is unsurpassed for quietness and efficiency. He's listed in the "yellow pages." Phone him today!

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BHG 951

Though there are many windows, they are concentrated on south and east sides where they admit solar heat in winter, bring the view inside in every season

Clean as a whistle *and worth whistling about*

By Mort Reed, Jr.

Huge glass slabs in dining area slant outward, so sunken flower bed gets full benefit of sun. Except for the 10 drawers in the storage unit between the dining area and the kitchen, all storage space is open from both sides and is shut off by sliding doors

End bedroom, with dressing room, bath, and three closets, is parents' suite now. Later, as family gets smaller, this part of house can become a rental unit. Dressing-room closet is the right size for installing a compact kitchen later on

When a house slips into its setting as well as this one does, it's bound to look good. Planting on this side of bedroom wing is barely started, but the house is so well designed that you don't miss shrubbery along the foundation

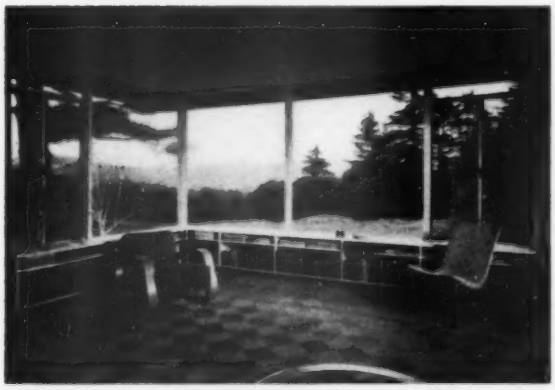
There's a kind of house being built today that is worth whistles of appreciation—and is getting them, too. It's the kind of house that's as easy to maintain as a streamlined kitchen, as efficient to operate as an electric clock, and even more attractive to look at than the popular house of 10 years ago.

I'm talking, of course, about the good new houses being built—whether you call them Modern or Contemporary or chicken-coop or anything else. I'm talking about the James Cusicks' kind of house that you see here. It *is* relaxing to live in, a pleasure to look at, and no chore to keep looking well.

The architects, E. H. and M. K. [*Turn to page 244*

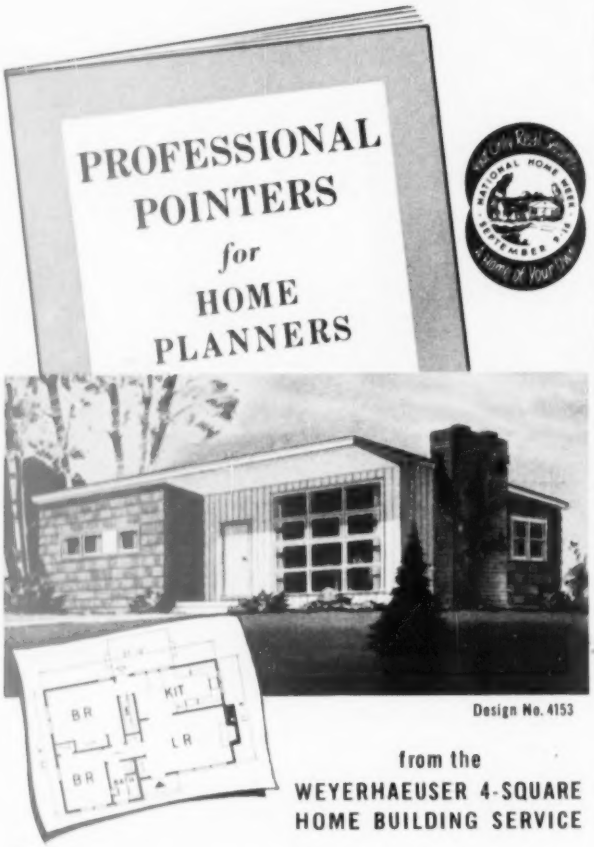
Except for end wall of bedroom wing at left, the exterior is faced with tongue-and-groove boarding. Windows on this side light dressing room, entry, and workroom. Entrance door is sheltered by the home's two wings

Photographs: Richard Garrison



Even when it's raining, the view from the living room makes big windows worthwhile. Overhang keeps glass dry so view isn't blurred. Bookshelves under windows put reading matter at hand where the reading light is good

Wall surfaces throughout house are large and unbroken, but are far from lacking in texture. Oak plywood surrounding fireplace was also used behind bookshelves at right and for two sliding doors below



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from the
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This Service is maintained to help you in planning, by presenting, month after month, the work of specialists in small home design . . . so that you may see in their work those features that make for comfortable, convenient room arrangement and sound construction.

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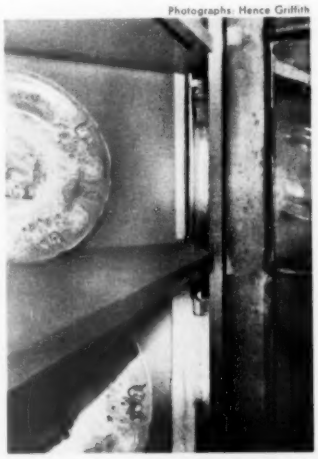
Dramatic lighting for your china closet

Spotlight your hobby collection this professional way. It's as simple as wiring a lamp

By Janet Dicken

Lit up like a china shop, any corner cupboard can become a conversation piece. This one, in the Harvin Moore home, Houston, stands in an upstairs hall. With trough lighting on top, this cupboard also provides illumination for the hall. You can use lighted shelves to show off your collection, in any room in your house

Photographs: Hence Griffith



How to install china-cupboard light: Drill a hole in the front corner of each shelf and run continuous, ½-inch conduit tubing through holes. Plug in 90-degree key sockets beneath each shelf, using a standard ⅛-inch showcase fitting. Strips of asbestos cemented to the wood will protect the wood from heat. The china-cabinet lights can be turned off and on by using a light switch or wall plug. Decorator: William V. Stone

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Water Softener

Soft water helps you save on soap, ends need for softening chemicals, reduces wear on clothes, and ends expense of replacing plumbing and heating pipes.

And the low-cost, easy-to-install softener is the Fairbanks-Morse Single Tank Unit! You have finger-tip control of the entire regenerating operation. Uses Zeolite, a high capacity hardness exchanger. For details, see your local Fairbanks-Morse dealer, or write Fairbanks, Morse & Co., Chicago 5, Illinois.

FAIRBANKS-MORSE,

a name worth remembering

What does her first teacher expect?

Begins on page 34

How to work and share with other youngsters.

How to follow her directions.

What qualities will give her a special interest in wanting to see him excel?

A wide-eyed interest in all the things she can teach him.

An observing and inquiring mind.

Obedience to her requests—so they need not become commands.

Respect for what she says.

Politeness to everyone so far as any little tot is able to be courteous.

Willingness to enter into discussion and be active in the group.

What does she hope he will know?

His complete name.

His age and birthday.

His address, street and number.

His father's name and where he works.

What can you safely teach him before he enters school?

How to count—as high as he is interested.

The alphabet, preferably as a singing game.

The colors.

How to color pictures without too much stress on keeping within the lines.

How to cut, using a pair of blunt-end scissors.

Days of the week.

Months of the year.

Seasons of the year.

How to tell time, if he shows a readiness to learn.

Nursery rhymes, poems, and a wealth of stories.

What things does she prefer to teach him herself?

How to read. There is no harm in his knowing the letters or in being able to say the complete alphabet, but she hopes you haven't attempted to teach him to read.

How to write. Most preschoolers' co-ordination doesn't lend itself to fine work, and you may do real harm. She knows when they are ready to learn.

How to figure. If your youngster knows that two apples and two more make four apples, that's fine, but she wants to teach him how to put that knowledge on paper in the accepted fashion.

And what does she expect of you?

That you'll send him to school as regularly as possible.

That you will keep him home if he has a cold or has been exposed to a contagious disease.

That you will send a note of explanation when he returns.

That you will send a note for something unusual, such as an early dismissal or more frequent visits to the lavatory.

That you will send him to school clean.

That he'll have a good breakfast, so he will have the energy to tackle his work to the best of his ability.

That you will see that he has a good night's sleep and is well rested and mentally alert.

That you will cooperate with her in any way that is necessary for his benefit.

Modern Living calls for 180° WATER

Today's automatic clothes-washers and dishwashers demand plenty of really *hot* water . . . 180° water. Besides, for bathing and beauty . . . for scores of household uses, you need an *abundance* of hot water at various temperatures. You get this *abundance* by mixing cold water with *hotter* water—180° water.

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RUUD PRODUCTION is determined by the materials supply—Monel, steel, zinc, copper. Monel, in particular, is short because it is a vital war material. During this period when Ruud water heaters will be made in limited numbers, high manufacturing and performance standards will be rigidly maintained.

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Call on the North America Agent for an analysis of your insurance. His advice and counsel will cost you nothing extra. And remember, he has back of him one of America's strongest and most progressive insurance groups. If you don't know an Agent of one of the North America Companies, write us, and we will be glad to introduce you.

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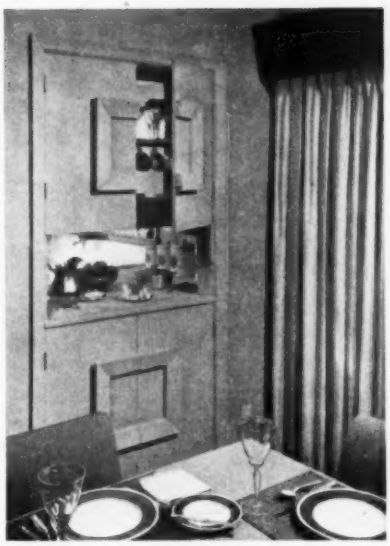
Insurance Company of North America Indemnity Insurance Company of North America Philadelphia Fire and Marine Insurance Company

We built our home

Begins on page 68

dimmed noticeably, and building is easily the most satisfying and exciting experience we have had. Sometimes Millard wonders why we didn't do the plastering and cement work, but we had to draw the line somewhere. We also had professionals do the tiling of the bathrooms, as well as the marble facing on the fireplace. Millard designed it with four panels of Italian Travertine, and it is framed with a beveled Travertine frame. We've used this beveled theme throughout the house—woodwork, tables, and picture frames will all have it, too. It's simple, easy to care for, and gives a three-dimensional quality that appeals to us.

Naturally, we are anxious to get the cabinetwork and decorating started, but we realize it will probably take until next spring before things are really cleaned up—and then there'll be the lawn. The house doesn't look too stark now though, because the living room is oak paneled and won't need much decorating, and the carpet and draperies are there. We entertain, [Turn to next page



Between kitchen and dining room there is a pass-through that lets me put away dishes on the kitchen side, and set the table with dishes I can take out from the dining-room side. The door pulls blend with the other woodwork in the room and are easy to grip

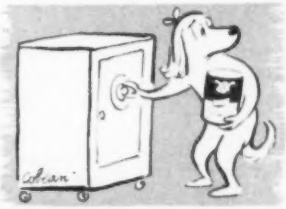
The kitchen is divided into a work area and a dining area. All cabinets have smoothly sliding doors, and it's nice to have the cabinetmaker in the house in case they should ever stick. Steady-handed Millard painted those stripes above the wood cabinets to add a touch of bright color

Because the living room is paneled in oak plywood, it never looked too bleak and cold to be homey, even when we first moved in, long before the rest of the house was finished. We spent hours picking out plywood with a matching and repetitive grain

HELPFUL HINTS TO HOUSEHOLD DOGS

Mrs. Cocker S. Paniel writes:

"I BURY MY BONES,



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Costs Far Less Than Butcher Meat

There's no question about which dog food contains steaks, roasts, and chops of U.S. Government Inspected horse meat! It's Ken-L-Ration! Just open a can . . . you'll SEE the chunks of lean, red meat, and smell the appetizing aroma! And, since Ken-L-Ration costs less than butcher meat, it's the thrifty way to keep your dog on the meat diet he needs and craves.

Vitamins and Minerals, Too!

Yes, Ken-L-Ration is packed with all known "dog-health" vitamins and minerals needed to keep your dog in peak condition. Be good to your dog —get Ken-L-Ration at your favorite store first chance you get.

Dogs Love It-Cats, Too!

KEN·L·RATION

We built our home

Continued from preceding page

We have no regular closets except the entrance closet. Millard made wardrobes for a complete wall in each bedroom, and built other storage cabinets, like these on one wall of our bedroom. The top of this built-in is at the same height as the sills of the two corner windows

and enjoy the house almost as though it were completed.

In our busy day-to-day living, we don't stop much to think of the magnitude of our building venture, but today as I write about our home, I'm a little awed at what totally inexperienced people can do. When I think of Millard installing a radiant heating system, wiring a whole house, doing plumbing, carpentry, and even architectural planning, I am deeply impressed with the possibilities of "owner-built" houses.

I'm sorry about the delay in getting a floor plan to you. With good intentions Millard started to draw it in November, but with moving and building he didn't get at it again until last night.

Sincerely yours,
Dorothy McGinnis

November 6, 1949

DEAR MR. REED,

We are a little chagrined that we haven't been able to write before this that we have nothing left to do but pick the roses from the bushes or have the neighbors in for a game of canasta. However, we *are* finally nearing the end, and if you would like to send your photographer, I'll at least give him a cup of coffee for his trouble.

We have never mentioned our correspondence with *Better*

It took us 19 rousing months to complete the house. But, in looking back, I think having our first child was more exciting. Young Millard Lee is just one more reason we're glad we built our house

"OK" for all Septic tank systems

She knows—scientific tests proved it to her—that Sani-Flush can't harm any septic tank system. So she happily uses Sani-Flush to clean the toilet bowl—no messy scrubbing. Sani-Flush cleans and disinfects, removes invisible film where germs lurk. Quick, easy, sanitary. Follow directions on can.

Would you like to see the proof? Write for "Report of Scientific Tests." The Hygienic Products Company, Dept. 36, Canton 2, Ohio.

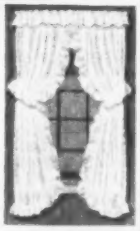
Sani-Flush

At all grocers—
in the familiar yellow can

Cathy Clearight says.

Like the charm of dotted curtains? Here's good news!

CLEARIGHT® Finish Dotted Cotton Marquisette is just as easy to launder as plain fabric... keeps original appearance after many, many washings.



Dots are a permanent part of the fabric... they stay put because they're anchored... won't change size or shape!

Guaranteed by Good Housekeeping

OTHER FEATURES OF CLEARIGHT
Permanent Washable Finish for Dotted Cotton Marquisettes—Has a silk-like bloom and lustre—keeps crisp, clear, sheer after repeated washings and in damp weather—lint and fuzz free—soil resistant—shrink-resistant—no starching needed ever!

You'll find this wonderful fabric used by many leading curtain manufacturers. Look for the CLEARIGHT insert label.

SENECA TEXTILE
Div. of United Merchants & Manufacturers, Inc.
91 Franklin Street, New York 13, N. Y.

Homes & Gardens to our friends because any action seemed a thing of the future, but we haven't had a single visitor yet who didn't say, "*Better Homes & Gardens* should see this!"

We put quite a bit of work into the landscaping the past autumn, so the house will probably be more photogenic by early next summer. However, after you see it, you will know what's best.

We expect to be out of town for three weeks, but after that we will be glad to see someone from Our Favorite Magazine.

Sincerely yours,
Dorothy McGinnis

March 15, 1951

DEAR MR. REED,

We haven't done anything around the house since last September (except shovel snow), so you see neither of us is really ambitious—we just wanted a home. In fact, I have a new clothes dryer that has been sitting unconnected since September, because Millard hasn't gotten around to connecting it. Now with summer coming, we probably won't bother until next fall.

I hope what I wrote you about saving half the cost of building by doing it ourselves is true. We have a very vague idea of what we actually spent or what the house is worth. At first we kept all the expenses listed in a book. Then we ran out of space and started to save receipts in a shoe box. This gave way to a succession of larger boxes until we finally gave up and just kept spending whatever we had. It was an unorthodox bookkeeping system, but we ended up with a paid-for house and a basement full of receipts. It will be easier to clean up the basement than a big fat mortgage.

I hope.

Sincerely yours,
Dorothy McGinnis

Delaying action

My lord, when we prepare to tread
The primrose path full steam ahead,
I do not mind one mite the hour
You keep the bathroom while you shower
And shave and primp. Nor do I mind
Your summonses to come and find
Your shirt and studs. And dear, I dote
On sewing buttons on your coat
And brushing up your beaver hat.
I don't object at all to that.
The thing that makes me long to snap
Your braces with a stinging slap
Is having you, all dressed and set,
Yell, "Jeepers, aren't you ready yet!"

—*Georgie Starbuck Galbraith*

AMERICAN-Standard
First in heating . . . first in plumbing

Your building contractor will tell you

THE FINEST IN WARM AIR HEATING IS MADE BY AMERICAN-STANDARD

A complete line of warm air furnaces and winter air conditioners for every type of fuel.

WYANDOTTE WINTER AIR CONDITIONER
Smart "high boy" unit for homes with or without basement. Can be installed in utility room, alcove or closet. Carefree gas heating with outstanding economy.

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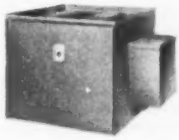
Oil fired. For small to medium homes. Provides real automatic heating comfort. Designed for most efficient and economical use of fuel. Installed quickly and easily.

SHAWNEE WARM AIR FURNACE
Gas fired gravity furnace for small and medium sized homes. Assures many years of trouble-free automatic heating. Occupies minimum floor space. Clean, quiet, safe.



MAGNE-FILTER AIR CLEANER
Electronic air filter removes dust, dirt, pollen, and bacteria. Keeps your house cleaner, more healthful. Readily installed with new or existing forced warm air systems.

FREE BOOK ON WARM AIR HEATING.
Illustrated in full color. Packed with money-saving facts. Pictures wide choice of American-Standard equipment available through heating contractors who sell, service and install. Explains easy time payment plan for remodeling. Use the coupon at right.

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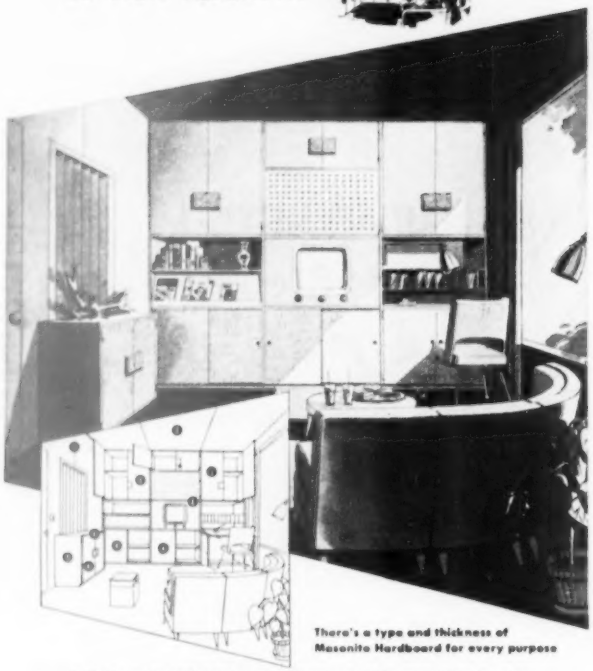
...from veranda

to View Room...



There's a type and thickness of Masonite Hardboard for every purpose

1. Walls, cabinet sides and doors—Masonite® 1/8" Tempered Presdwood®
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3. Cabinet tops and front—Masonite 1/4" Tempered Presdwood
4. Hinged and sliding doors of leather texture—Masonite Leatherwood

More year 'round living area with low cost

MASONITE HARDBOARDS

The home builders of a generation ago could not foresee the effect of television on our living habits. Sometimes it isn't easy to find the best place for a "home theater."

One solution lies in the old side porch, or veranda. Instead of a fair-weather-only area, this space could be transformed into a fully enclosed, all-year gathering place for family and friends. And here is the place for Masonite Hardboards.

These strong, rigid, all-wood panels go up readily over studding and joists, take colorful finishes beautifully. In cabinetwork, they offer smooth surfaces that won't split, splinter, crack or twist out of shape. They resist moisture and surface injuries, too.

Home owners and builders have been using low-cost Masonite® Hardboards for many years, both in new construction and in remodeling. Sometimes the demand is greater than the available supply, but your lumber dealer will help you every way he can.

MASONITE CORPORATION

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"Masonite" signifies that Masonite Corporation is the source of the product

How to feel up and at 'em!

Begins on page 66

vital parts, the trade-ins come even faster. Your liver exchanges its protein in about 10 days. Bang goes the notion that only growing children need adequate protein! Adult needs are just as vital.

Some protein foods are better than others. All proteins are made by various combinations of 23 different kinds of "building blocks" known as amino acids—simpler, nitrogen-containing substances. Thus billions of different proteins are possible, just as you can make all the words there are, plus millions nobody has thought of, by combining the 26 letters of the alphabet. Some amino acids your body can assemble for itself. But eight of them you must get, ready-made, from food. These are the really necessary aminos, the "big eight." (See page 196.) Some foods contain all eight. Others contain only a few.

Timing is vital to good protein nutrition. Your body can't store amino acids in any significant amount. They must be used immediately, or they're broken down and used as fuel—wastefully, since other food elements can serve that purpose as well. If you get four of the necessary aminos for breakfast, the other four at lunch, you've lost a lot of their magic. But if every meal, every snack, contains some complete protein (that is, a food that gives all eight essential aminos at once), then the value of other foods you eat at the same meal is increased remarkably.

General protein deficiency can result from lack of just one essential amino acid. The amino acids that build proteins are hooked together something like long chains of paper clips, rolled into balls. Your digestive tract unhooks them, sends them into the blood as free agents. From this swarming warehouse, body cells snatch the specific aminos they need for assembling tissue proteins, hormones, enzymes, and so on. An amazing precision job, for your body makes at least 1,600 separate proteins! If a single, necessary amino acid isn't there, at the instant it's needed, the protein that requires it can't be built. It would be like writing English without the letter "e."

Obviously, proteins are important. But can they do anything special for you?

What protein foods can do for you

Consider a group of 308 patients who had nothing the matter with them. Nothing except that life had gone sour. No diseases, no deficiencies that checkups could detect. They had poor appetites, tired easily, and needed up to 12 hours' sleep. Fatigue usually hit them around midmorning. A snack pepped them up and they felt better until an hour or so after lunch, when weariness began to close in again. Many of them were all tuckered out by the time they got home from work, and found they had to rest or take a nap before dinner.

All these always-tired people *thought* they had good diets. Dr. H. V. Soper, who reports their case histories, thought otherwise. He prescribed *good breakfasts with a large protein serving.* Particularly, a serving of lean meat.

"It's un-American to eat meat for breakfast," some of the patients grumbled—at first. They came over to Soper's side when their joy-killing loads of weariness were slowly replaced by new zest for living. Doctor Soper notes that a large protein serving, especially for breakfast, did wonders for the physical and mental vigor of these patients. And what more pleasant way to health than a good, big breakfast!

Proteins keep human energies at high level in many ways. Biologists say they exert "specific dynamic action." Translated, that just means that they fan body fires (metabolism) to a clean, hot flame that keeps a good head of steam in your boiler. And simple anemia, a widespread saboteur of energy, is more than an iron lack, although iron is indispensable. The hemoglobin molecule that makes our blood red is mostly protein. The "hemo" or iron-containing fraction is a mere 5 percent, and the protein or "globin" fraction is 95 percent!

Vitamins and hormones have a lot to do with tiptop health, springy step, buoyancy. Many of them are made from protein elements. Most of them would be useless as so much sawdust if it weren't for protein catalysts that help them do their jobs. So here again, you see, proteins are all-important to keep you feeling up and at 'em.

There's pellagra, a classic vitamin-deficiency disease. Niacin, one of the B vitamins, protects against it. But certain populations of India, who get practically no niacin, don't get pellagra either. The experts were baffled, until it was proved that an amino acid, tryptophane, can replace niacin. Pellagra might just as well be called a protein-deficiency disease.

Several B vitamins can be built in the intestinal tract. Some people make a lot of their own vitamins; others are poor producers. Can we step up our vitamin production (not intake) by eating the right raw materials? Very likely, if we give thought to protein. An editorial in the *Journal of the American Medical Association* concludes that big enough amounts of the right amino acids enable an organism to build vitamins of the proper type—and the utilization of vitamins "seems defective unless adequate amounts of the proper amino acids are available." Good protein gives us all the amino acids there are.

As for hormones, that exciting newcomer, cortisone, is only one of

DELCO-HEAT BURNER IS VIRGINIAN'S CHOICE FOR THE BEST AUTOMATIC HEAT

"We installed our Delco-Heat Conversion Oil Burner soon after the war," writes Ernest N. Sanborn of Alexandria, Virginia. "We chose it because of our previous good experience with other General Motors products. And we have been more than satisfied with its clean, even heat and dependable performance."

Whether you convert your present furnace or install a completely new heating system, your best buy in automatic heat is Delco-Heat. For Delco-Heat units are built for years of service—and are installed by heating specialists who will do the job expertly. Thomas J. Fannon & Sons, Alexandria, installed Mr. Sanborn's burner.

Delco-Heat Conversion Oil Burner. Has "Rotopower" feature that combines all moving parts in a single unit. For oil or gas-fired automatic heat, see your Delco-Heat Retail Distributor.

FREE—Write for literature on automatic Delco-Heat. Address Dept. BHG-53, Delco Appliance Division, General Motors Corp., Rochester 1, New York.

Read what other Delco-Heat users have to say — see pages 230, 264

No matter how much you pay for your bed and mattress . . . for luxurious blankets and linens . . . you can't enjoy Flex-O-Top comfort with ordinary bed springs. That's because the Flex-O-Top patented method of attaching border coils, the Flex-O-Top coil cover, the Flex-O-Top center decking and Flex-O-Top special helical coils are positively not duplicated in ordinary bedsprings. Be SURE *Your* next bedsprings are genuine Flex-O-Top quality.

Look for these tags on the bedsprings you buy.

For the name of your nearest dealer write to: **Leggett & Platt, Dept. BH;** at any of the four addresses listed below.

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the dozens that the body puts together from its amino acids. Insulin is 88 percent protein, and thyroid hormone—often prescribed to pep up sluggish metabolism—comes from an iodine-containing amino acid.

Longevity and vigor in later years. Whatever else there may be in the fountain of youth, proteins are certain to be found there. The new medical specialty of gerontology, dealing with health problems of the elderly, puts great stress on protein as a vital factor in longevity and vigor. There is new recognition that the vague ill health of old age, the below-par state that seems to have no definite cause, is often related to protein deficiency. Old people are being "revitalized" with astonishing success. Dr. William B. Kountz of Washington University School of Medicine recently told the Gerontological Society of treatments that stimulate mental alertness, increase physical strength, restore joy in living. Some elderly patients were enabled to earn their livings again.

What turns the clock back? Great emphasis is placed on protein foods. After 60, appetite tends to wane and protein intake to suffer, though it's needed as much as in the prime of life. Male hormones and other hormones, carefully adjusted to need, play a part in the therapy described by Doctor Kountz. They help aging bodies to use protein.

One of the "big eight" amino acids, methionine, helps to keep arteries young in an indirect way. Hardening of the arteries begins with patches of a fatlike substance, cholesterol, laid down in blood-vessel walls. Methionine gives the liver something it needs to handle body fats well, so they won't "clog the pipes." A healthy liver is a great defense against early aging. At any age, life is only as good as the liver—literally and figuratively. Cirrhosis of the liver, once invariably fatal, now is treated with success by high-protein diets.

Fertility and pregnancy. Since the liver is the organ in which sex hormones are inactivated, and proper balances kept, methionine is being studied in the treatment of infertility. Another amino acid, arginine, is essential for the formation of male germ cells, at least in animals.

Of immediate, practical importance to every pregnant woman (and to her baby) is the fact that a high-protein diet gives remarkable protection against dreaded and deadly complications such as toxemia or eclampsia. In one series of a thousand pregnancies, not a single woman who ate enough protein showed a sign of these troubles. Diet rules were simple: Meat or protein of equal value at least twice a day, starches and fats held down enough to prevent too great weight gain.

Growing children need relatively more protein than adults—infants, three to four times as much. Before birth, protein for the baby's tissues naturally has to come from the mother's diet. What if kids are shorted on protein? You won't see

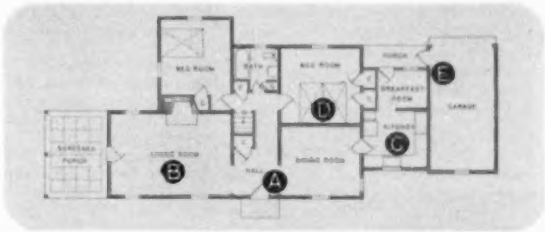
[*Turn to next page*

A twist of your wrist . . . a light touch of your finger . . . and you can save hundreds of steps with this G-E remote-control master selector switch. Install it at convenient locations in your new home.

Here's How G-E REMOTE CONTROL SAVES STEPS EVERY DAY

With a G-E remote-control wiring system you turn lights ON and OFF from convenient locations without taking unnecessary steps—control attic lights, cellar lights, garage lights, and other often-forgotten lights from many spots in your home. And—most surprising of all—you can have all the comforts of G-E remote control at a very reasonable cost.

Plan your wiring system for finger-tip control of important lights and outlets . . . where you want it most . . . where it will do the most for you.



Some of the ways G-E remote-control wiring can be used

A. ENTRANCE DOORWAY. Master selector switch gives you centralized control of as many as nine individual lights and outlets. With it, you make your entrance hall a lighting control center.

B. LIVING ROOM. Make your living room a center of convenience with smart individual G-E remote-control switches. With them, you can control all living room lights, the attic fan, and guest-greeting gate light. And, you can turn the radio OFF right from the phone location during a conversation.

C. KITCHEN. There goes the front doorbell, and you're tied up with kitchen chores. But, there's no need to rush. With G-E remote control you simply turn ON the front door light from the kitchen to give yourself the extra seconds you need.

D. MASTER BEDROOM. Now you can have rest, doubly assured—with a G-E master selector switch. Right from your bedside you can double-check lights to make sure they're off. If strange noises disturb your sleep, you can instantly light your house and grounds.

E. GARAGE. When you come home in the evening, turn on welcoming house lights with a master selector switch, right in the garage. G-E remote-control wiring can make your home—your home life—safer, more comfortable, more satisfying.

All these conveniences—and more—are in store for you when you wire your new home with G-E remote control. Tell your architect or electrical contractor you want G-E remote-control wiring. For further information mail this coupon for a free booklet.

Section D78-912
Construction Materials Division
General Electric Company, Bridgeport 2, Connecticut

Please send me, without obligation, a copy of the G-E Remote-Control Booklet.

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You can put your confidence in —

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Looking for Trouble!

This man can help you avoid costly

Termite Damage

■ Termite damage to your home can be avoided if detected in time. However, termite activity usually starts in inaccessible areas and it takes a trained inspector to find the cleverly hidden signs of termite attack.

Without cost or obligation to you, a Terminix Inspector will check the understructure of your home and tell you whether it is secretly being attacked by termites. You are furnished a complete report on any termite infestation found in your property. Over a million home owners have used this free Terminix Inspection Service to avoid costly termite damage.

TERMINIX Bonded Insured TERMITE INSULATION

Look in your classified phone directory

Consult your classified phone book and call your local Terminix company for a free inspection of your home or business property. Or write Terminix Division, E. L. Bruce Co., Memphis, Tenn.

Guaranteed Protection

You can rely on Terminix Service for complete protection of your home against costly termite damage. Performance of Terminix contracts is guaranteed by (1) Your local Terminix company, (2) E. L. Bruce Co., world's largest maker of hardwood floors, (3) Sun Insurance Office, Ltd.

BRUCE **Terminix**

World's Largest in Termite Control

How to feel up and at 'em!

Continued from preceding page

symptoms that point sharply to protein lack. Tommy may merely have reduced muscle volume, so he can't romp and tear as efficiently as his pals. He tires faster, takes longer to recover from fatigue, and his posture may be poor because his muscles don't hold him together comfortably. Maybe he doesn't grow so tall or gain as much weight as he should. At least, groups of children whose protein intake is adequate tend to grow faster, weigh more for their height, enjoy greater vigor, and reach maturity sooner than those on happenstance diets.

Immunity and resistance to disease. Why don't you get measles twice? Why can't you catch smallpox if your vaccination "takes"? Artificial or acquired immunities depend to great extent on proteins circulating in the blood. A virus comes along and makes you sick. It also changes the structure of certain blood proteins, converting them into protectors known as antibodies. They're educated, like a cat that has sat on a hot stove but won't sit there again. They stay educated for years. Next time the same virus comes along, the antibodies recognize it, leap to defense, and you don't get sick.

A vastly oversimplified explanation, but it gives you the general idea. Immunity to many infections and general resistance to disease—stiffened by vital organs in tiptop condition—has a lot to do with proteins. Eating lots of protein is no sure-fire preventive of all illness. But it will give your natural defenses important raw materials they need to do a job.

Beauty and general appearance. Practically all of you the public sees is protein—skin, hair, nails, even part of your teeth. Protein isn't a "beauty food," but it's the foundation for beauty. Pretty nails, for instance. A dozen patients of Dr. T. L. Tyson had brittle, peeling, jagged-edged nails. They were treated for other complaints, including fatigue. Treatment included a 7-gram envelope of plain gelatine powder, dissolved in water or juices, once a day. Gelatine is practically pure protein. A surprising side effect noted by 10 patients, after three months, was that their ugly nails had turned beautiful. Simple as that!

Nature got the jump on ammoniated dentifrices centuries ago. Saliva of people whose teeth resist decay is generally high in ammonia, from the breakdown of proteins. This clue sparked the research that led to ammoniated tooth powders and like advances in dentistry.

Wound-healing and surgery. Most patients are weak and listless after operations. A newly recognized cause is protein depletion. Protein to the extent of two to three pounds of muscle tissue can be lost in a day after surgery. High-protein diets before surgery, amino acid concentrates after, are coming into their own as ways of making surgery safer and recovery speedier. Severe burns cause large protein losses. Peptic ulcers are raw wounds that need protein for healing. In dozens of other conditions, protein diets and protein concentrates are increasingly important in medical practice.

GOOD *looking*

BETTER *priced*

BEST *in value!*

SENTINEL CLICK POCKET WATCH
$2.95 (Radium $3.50)*

Rugged, accurate. Mirror-chrome finish . . . rotating second dial. Break-proof crystal . . . raised numeral dial. Built for action — for work, for sports, for a spare, for the kids.

SENTINEL DIAMOND WRIST WATCH
$4.95 (Chrome plated case $4.50)*

Efficient movement in a handsome 10 Kt. rolled gold plate case, with chrome back. Compact, but easy to read.

SENTINEL LITTLE PAL ALARM CLOCK
$3.95 (Radium $4.50)*

The style and value leader in alarm clocks. 40 hour movement, single key, felt padded base. Designed by Henry Dreyfuss.

THE SENTINEL

LINE OF CLOCKS AND WATCHES

The E. Ingraham Company, Bristol, Connecticut

*Plus tax. Specifications and prices subject to change.

How to make the most of protein foods

By now you'll agree that you have to eat acids, if they're amino acids. How do you and the family get enough of the right ones? You needn't go in for unusual foods or "magic" ones that must be wonderful because they taste awful. It's a matter of good appetizing eating *every day and every meal.*

You can think of common, important foods as falling into four main classes of protein quality. They're easy to remember:

Class 1. Meat, poultry, fish, eggs, milk, cheese.

Class 2. Beans, peas, lentils, peanuts, other legumes.

Class 3. Cereals.

Class 4. Other vegetables and fruits.

These are the four classes of proteins. If you lived on nothing but Class 1 foods, your protein needs would be amply taken care of. Why? Because they supply in one dose, so to speak, *all* the essential amino acids your body can't make for itself. They are "biologically complete" proteins.

Obviously it's neither necessary nor desirable to live exclusively on Class 1 foods. The other classes supply important quantities of amino acids, including the essential ones. But, with rare exceptions that play little part in American diets, single foods of Class 2, 3, and 4 do not supply all the essential aminos, any more than fruit juice gives you all the vitamins. But you must remember, Classes 2, 3, and 4 are indispensable for diet balance.

For practical purposes, the 2, 3, and 4 foods can be made to furnish complete protein if some Class 1 food is eaten along with them. Biologists call it "supplementation." Any essential amino acids that may be missing are furnished by the Class 1 food. Your meal then provides *all at once*—and that is now known to be tremendously important—all necessary amino acids, so your body can shuffle and reassemble them into the hundreds of different proteins it needs for health.

Main family meals are usually built around Class 1 foods. It's the others—breakfast, lunches, snacks—that are likely to violate the important rule of *at least one biologically complete protein at every meal.* An automatic safeguard is to include some Class 1 food every time you eat anything.

Breakfast? More milk on your cereal, and less cream. An egg, a piece of ham, sausage, even a slice from last night's roast, plus your usual toast or hot or cold cereal. A packed lunch? A cube of cheese, or cottage cheese, or a hard-cooked egg will give a protein lift to a jelly

[*Turn to page 196*

In Pasadena, California, it is estimated that this house would cost about $362 to paint with two coats. With Devoe ONE-COAT House Paint it costs about $218—a savings of nearly 40% . . . *and Devoe ONE-COAT lasts as long as two ordinary coats!*

How to repaint your house

. . . and save enough to redecorate the inside too!

You don't need mirrors to do it! The "trick" is all wrapped up in the can labeled Devoe ONE-COAT House Paint.

People who have used it say it's a surprising and remarkable paint. They say that since only one coat is required, repainting costs are slashed *nearly in half*—saving enough to redecorate the inside of the house too!

Devoe scientists explain that ONE-COAT's phenomenal success is due to the unusual number of *whiteness units* in every gallon. *Double the whiteness units of ordinary paint.* This new type of paint literally covers so well it turns even black surfaces white *in one brush stroke.*

And with Devoe ONE-COAT, you also have *long-lasting* paint protection. It's been tested on thousands of homes for over 6 years and lasts as long as regular two-coat paints.

Your nearest Devoe dealer is listed in the Classified Telephone Directory. He'll be glad to help you and give you names of reputable painting contractors who use Devoe ONE-COAT. For *all* painting, you get best results with a "Superkleen" Brush.

DEVOE

PAINT

Be sure to redecorate every room in the house with sensational new rubber-base Devoe WONDER TONES!

The only rubber-base wall finish available in both flat and semi-gloss! Covers many previously painted surfaces with just ONE COAT. You can paint a room in HALF A DAY! Comes ready-mixed, ready to use. Easy to apply with brush or roller coater. No thinning. No lap marks. Dries in 20 minutes. Outstanding washability. Economical. Remove splatterings, clean brush with water. See your Devoe Dealer.

It costs so little to enjoy KENCORK'S practical luxury*

* Compare it with hardwood floors

Kencork is long-lasting...yet quieter underfoot...comfortable. Warm in winter, cool in summer.

* Compare it with floor coverings

Kencork costs less than wall-to-wall broadloom...yet it is easier to clean...far outlasts carpeting.

Nature's Most Beautiful Flooring...
Wears for Years and Years!

NO OTHER FLOOR IS SO LUXURIOUS AND PRACTICAL, TOO. Made only of pure, tough natural cork, Kencork's rich beauty is astoundingly durable...resilient to walk upon...and yet so easy to keep clean. Only occasional waxings are needed to retain the subtle lustre of this lovely floor...in fact, many Kencork Floors in constant use for 30 years and more still look and feel as luxurious as new. Kencork saves you money, too, because it needs no other floor covering.

ONLY KENCORK GIVES YOU WALLS TO MATCH. Yes, you can repeat the gracious dignity of your nut-toned Kencork Floors with Kencork Walls. Decorators love Kencork's rich textural interest with fabrics, paintings and furniture of every type and period. Kencork is such a beautiful foil for today's most exquisite room colors!

Your local Kentile dealer will give you a FREE estimate on the surprisingly low cost of Kencork for your floors and walls. Look for his name and address under "FLOORING" in your Classified Telephone Directory.

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Quaranteed Kentile Asphalt Tile . . . Kentile Rubber Tile . . . Kencork, the original cork flooring.

KENCORK FLOORS WALLS

How to feel up and at 'em!

Continued from page 194

sandwich. Even the tired businessman's hasty lunch of apple pie is better if taken with milk or buttermilk. When the kids raid the cooky jar, give them milk as a follow-up, and you'll be boosting the protein.

If you skip Class 1 food sometimes, serve Class 2, 3, or 4 foods simultaneously. Mix them on the menu. Let legumes and cereals and vegetables supplement each other's amino acids. That way, an essential amino lacking in wheat may come from potato.

All this underscores the nutritional principle of eating many foods, but at the same time, not at different times of day.

Who's likely to skimp on protein? Light breakfasters, housewives alone at noon who eat what's handy, reducers who stick grimly to the salads, children whose snacks are too sweet, diet faddists, people with finicky appetites.

How to get complete proteins without wrecking your budget

We might as well face it. Our high-protein foods are expensive. A pound of steak or eggs or cheese costs plenty more than a pound of potatoes or bread. Yet there are first-class proteins that are relatively cheap, and endless ways of making expensive proteins go further and do you more good. Let's see how:

Start with meat. All muscle meats are about equal in protein. The lacing of fat that adds tenderness and calories to a luscious porterhouse doesn't add protein. Leaner, tougher, less expensive cuts of round steak actually run higher in protein. Luckily, you can't destroy proteins by long cooking. You'll find plenty of recipes to make less expensive meats delicious.

A little meat at every meal does more for you than one big meat meal at dinner. Spread your meat quota through the day, and don't overlook breakfast. Cook a small amount of meat with rice, potatoes, dried beans as in chili, or dried peas in split pea soup, for high-protein main dishes of relatively low cost. Use fish, eggs, cheese at other meals, when you have meat but once a day. Meat leftovers are as rich in protein as when they were first served. Look up recipes for stews, casserole dishes, ragouts, and remember that a *little* meat—or a little egg, milk, or cheese—added to anything else insures complete amino acid intake.

Bread fortified with milk solids is an important protein food because we eat so much of it. A sandwich of bread enriched with milk solids, with a meat, cheese, or egg filling, is tops for a protein lunch or snack.

Some uncommon foodstuffs *could* furnish complete protein, but they are hard to get or strange to American tastes. Food yeasts, soybeans, and soybean flour are examples. Yogurt has the same protein value as whole milk.

Plain, unsweetened, unflavored gelatine is almost all protein, though it lacks one or more of the essential aminos. In aspics and other dishes, it can add significant protein. Cottage cheese is more familiar. Weight for weight, it gives more protein than a steak, for in its plain, uncreamed form it is about 50 percent protein.

One of the most versatile, cheapest, and easily available complete proteins for giving a lift to other foods is *nonfat dry milk powder*. It's skim milk with the water removed. Dry milk solids aren't eaten as such, but they are superb for blending into innumerable dishes—baked goods, soups, beverages, casseroles, ground meats, even desserts.

Someday we'll probably be as familiar with the names of the essential amino acids as we now are with those of vitamins. Many authorities believe that a specific amino acid deficiency shows up a lot sooner than a vitamin deficiency. Doctors are just beginning to use purified amino acids for specific disease states. They've hardly scratched the surface of exciting possibilities.

In case you want to know the names of the "big eight" aminos that will continue to make news in the future, here they are: *tryptophane, phenylalanine, lysine, threonine, methionine, valine, leucine, isoleucine.* You can't live without them.

But you needn't bother with chemical complexities. Take some complete protein at every meal, and you needn't worry about amino acids. Will it do you any good? Let us quote Dr. James McLester, one of the country's eminent nutrition authorities: "Does man gain in vigor, happiness, or longevity by eating an amount of protein materially in excess of the calculated minimum? Animal experiments and clinical experience, as well as studies in racial development, warrant, I believe, an affirmative answer."

No sale

I'd gladly scale a precipice,
My love, or swim an ocean,
Or leap across a deep abyss
To prove my rapt devotion.

With grizzly I would gaily fuss
To prove I wasn't kidding,
Or thumb my nose at Stalin,
thus,
If such should be your
bidding.

My heart gives orders to my
head,
My valor, there's no
stopping,
My ardor is unlimited,
Except—don't take me
shopping!

—*Arthur Frederic Otis*

Something has happened to Home Heating!

The swing to modern warm-air heating is stronger than ever. More than two-thirds of the new 1951 homes will have warm-air heat.

Why this great preference? Greater comfort and lower fuel bills, mainly. But now, in addition, a wonderful development called Continuous Air Circulation which makes possible uniform temperatures from floor to ceiling in every room of your house.

With Continuous Air Circulation, the furnace blower is set to run almost continuously at a slow speed, causing a constant gentle circulation of filtered, humidified air. No more "layers" of cold air at the floor, hot at the ceiling. Children playing on the floor are just as warm as you are, sitting in your easy chair.

If you have forced-warm-air heat now, your local heating contractor can probably adjust it to provide continuous circulation.

Before you build, buy or modernize, get all the facts about warm-air heating from your architect, builder, heating contractor.

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Old Colony will key your home to traditional American friendliness all through its long, useful life. Because Heywood-Wakefield has earned and *kept* a reputation for fine quality furniture since 1826. Because its exclusive "Home-Planned" designs give you the advantage of "open stock." You can be sure that later additions will retain the decorative harmony of your living, dining and bedrooms. Look for the Heywood-Wakefield trademark at your department or furniture store.

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Guaranteed by Good Housekeeping

You're extra sure of quality when you buy products bearing the famous Heywood-Wakefield trademark, including—

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BABY CARRIAGES

PLANNING IS EASY WITH THIS BOOK

Gladys Miller, decorating consultant, has packed its 32 pages with so *many* nice ideas for decorating your home around Traditional furniture. Send coupon with 25¢ for your copy today.

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I enclose 25¢ for your book on Old Colony Furniture by Gladys Miller.

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More space, less work

By Kathryn Larson

That's what you'll find in your home when you fit furniture into corners, put away dust-catching bric-a-brac, and balance pattern with restful, plain areas. Study these pictures, or see this room yourself at the Merchandise Mart in Chicago. It's part of an exhibit to show you how to combine furniture you already have with new pieces from the Museum of Modern Art's "Good Design" selections. The exhibit will be open until December 1.

Before

Too much fussy pattern—in wallpaper, upholstery, and carpet—closes in on you, makes this small room seem smaller. Furniture angled across corners wastes space, gives a crowded appearance. Too many, too small accessories look cluttered, make cleaning a chore. See below how the conventional Lawson chair is upholstered with a "Good Design" fabric, to keep character with new furniture

After

Photographs: Hedrich-Blessing

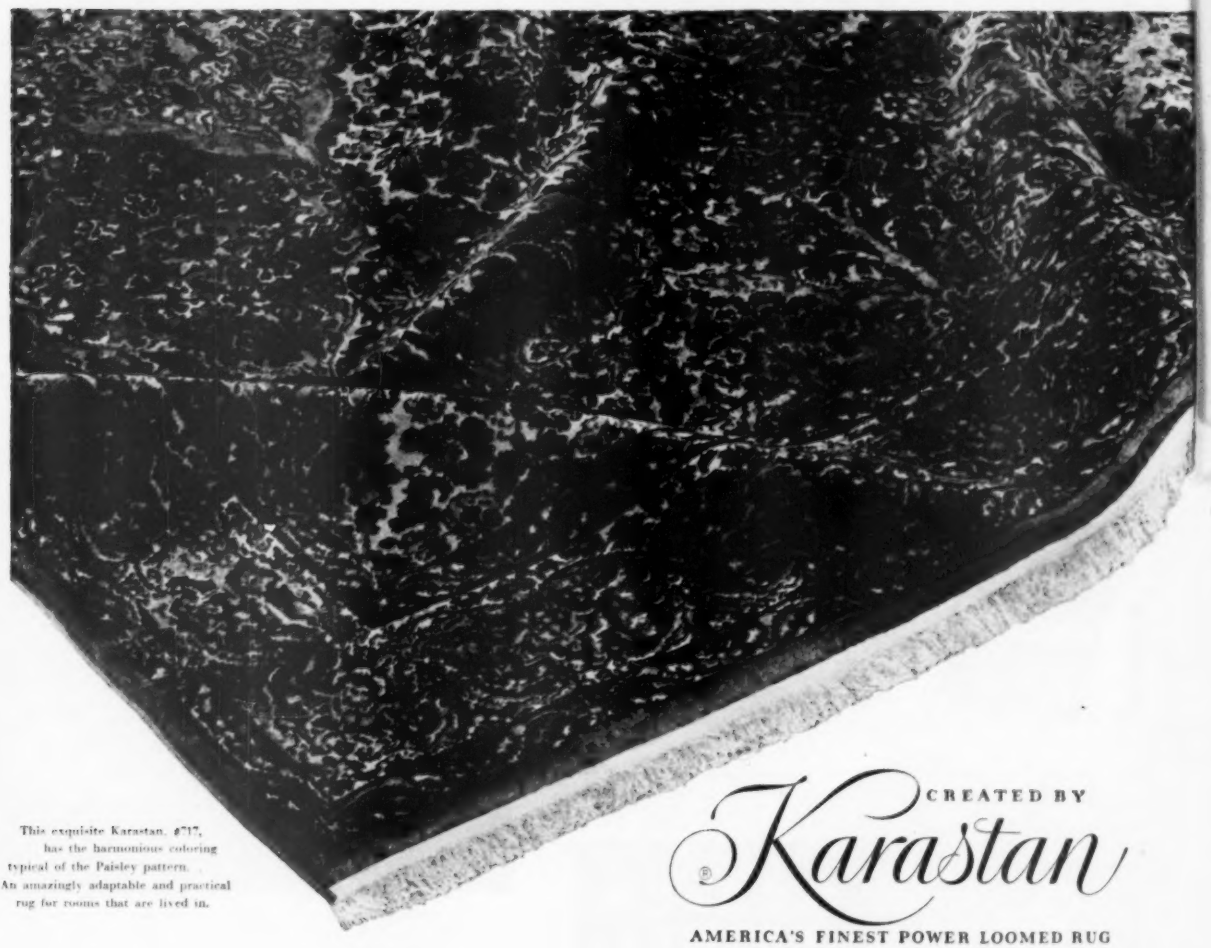
Plain walls dramatize upholstery print; furniture is pushed back to increase usable floor area. Radio trades places with desk across the room; desk shelf is built into this corner. Draperies hang from ceiling beside windows to make them appear larger; bamboo blinds control light, add texture. Accessories follow modern rule: few, big, useful

Connoisseur Luxury

in America's finest power loomed rug

Judge Karastan the way you'd judge the finest collector's carpet. Feel the velvety softness, the springy pure worsted pile. Admire the subtle sheen, the rich highlights, brought to life by Karastan's own wondrous washing process.

For never has there been an American rug like Karastan. So faultless with Traditional, so decorative with Modern, so lastingly lovely through the years.



This exquisite Karastan, #717, has the harmonious coloring typical of the Paisley pattern. An amazingly adaptable and practical rug for rooms that are lived in.

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AMERICA'S FINEST POWER LOOMED RUG

A PRODUCT OF FIELDCREST MILLS • KARASTAN • 295 FIFTH AVENUE, NEW YORK 16, NEW YORK

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O'BRIEN PAINTS

TOP QUALITY SINCE 1875

Ground-floor remodeling

see also page 78

They turned garage

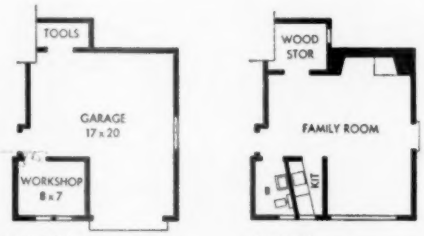
By Elizabeth Northrup

Does your home shelter your family and your car under one roof? If it does, you can almost double your living area by converting your garage to an all-purpose room.

Such a remodeling is worth considering, particularly if you have enough space on your lot either to add a garage wing or to build a separate garage, as did Dr. and Mrs. F. L. Meeske, of Spokane, Washington.

The Meeskes wanted a rainy-day playroom for their two small daughters. For informal entertaining, they wanted a room with a fireplace they could cook over and with adjoining kitchenette and lavatory.

With the help of their architect, Lewis Klaue, they decided to remodel within the space of their workshop and garage. Divided by an angled partition, the old 8x7-foot workshop provided space for the lavatory and kitchenette. A large brick fireplace and chimney, paneled walls, red tile flooring, and a big window set in the old entrance, transformed the garage into the room you see in the pictures—added living space that's available in many houses.



BEFORE AFTER

Large fireplace built of secondhand bricks dominates the family room. A stiff wire brush brought out the mellowed shades of red in the bricks. Raised hearth and broiler space at right have been placed at a convenient height for handling food and cooking utensils

into a family room

BEFORE

One-car garage opened directly on street front, took up more than 330 square feet of space on the ground floor. Drive cut lawn into small patches

AFTER

Big window and low wall have replaced garage doors. Window at the side has become a Dutch door leading from new drive into the family room. New two-car garage has workshop and extra storage space

Photographs: Charles A. Libby

The family car used to be housed here. The big view window replaced the garage doors and looks out over the enlarged front lawn to the street. Wall at right separates this comfortable conversation nook from the new kitchenette. Fireplace is opposite window

More on next page

Look for the "Perfect Sleeper" Hand

"Perfect Sleeper"

Serta

Just try the smooth top...

AMERICA'S FINEST SMOOTH, MOST SOOTHING MATTRESS!

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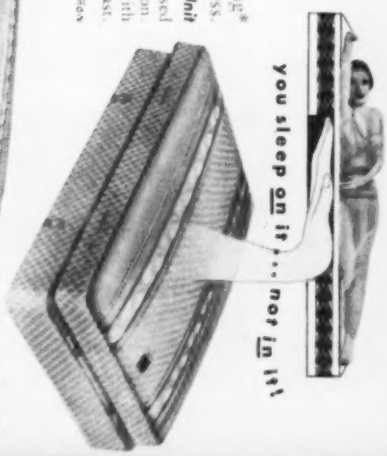

you sleep on it ... not in it!

Masland Duran all-plastic upholstery

Furniture by Traditional Furn. Shops Winston-Salem, N.C.

You're using good taste when you choose Masland Duran all-plastic upholstery for furniture. See Duran's lovely colors and patterns... choose Duran on all styles of furniture.

P.S. A damp cloth keeps Duran spotlessly clean!

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THE MASLAND DURALEATHER CO.
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Garage into a family room

Begins on page 200

Kitchenette, and lavatory behind the door at right, are enclosed by the same walls which originally partitioned off the home workshop from the garage. Dutch door at far right opens into living room

BETTER HOMES & GARDENS

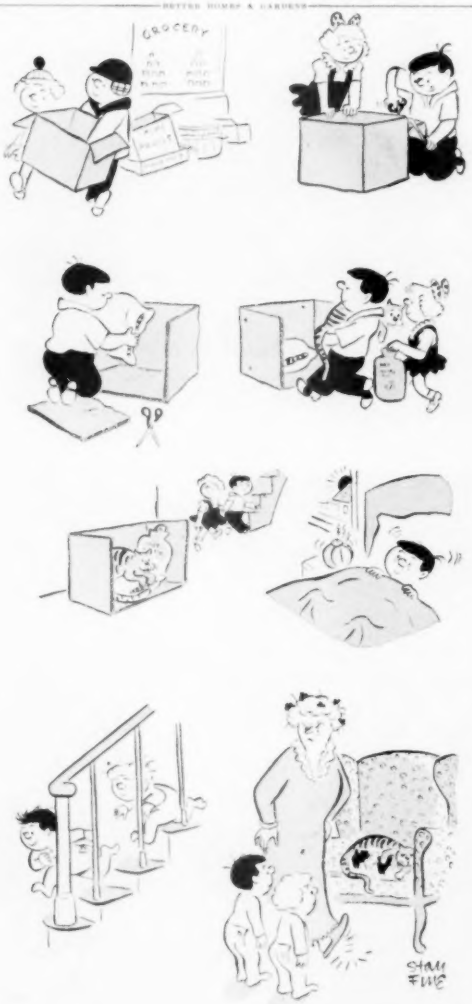

Table by W. & J. Sloane, San Francisco

No wonder Adelaide is asking her mother such a question. These beautiful Salem braids by National Carpeting are magically two carpets in one! Yes, they're *reversible*...as warm and colorful on one side as they are on the other. Magically durable, too. Salem braids are made of pure, long-fibre linen that far outwears other materials. And to save Mommy work and worry, her new Salem oval is moth-proof and fire-resistant. In fact, there's no other carpet at any price like a Salem braid. Yet Salem braids cost considerably less than other kinds of braided carpets! Available in leading department stores in solid or multi-colors, rounds or ovals, from 3′ to 18′ diameters.

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It's tidy... it's trim...

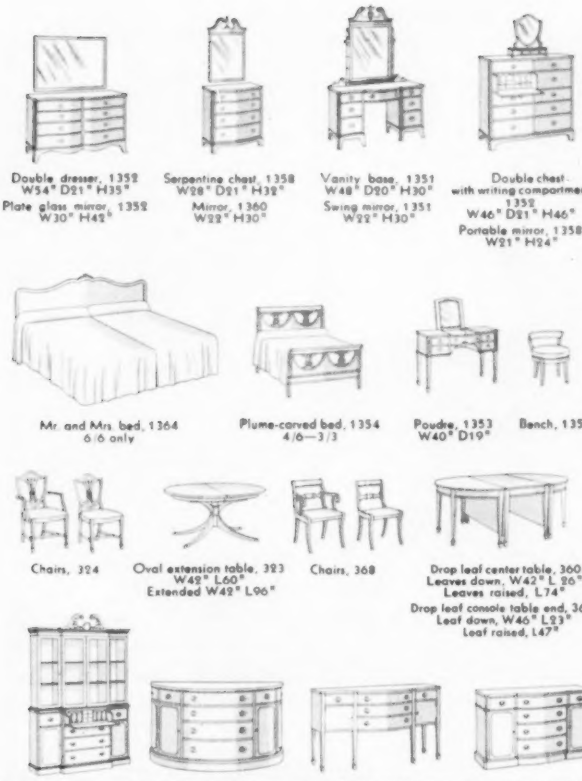
• It's scaled just right for your kind of living—and its style will make you proud! Practical Travis Court fits your bedrooms and dining room as smoothly as its own drawers fit—and that's smooth!

It's a hard choice to make, but pick your favorites from more than sixty dining room pieces and more than forty for your bedrooms. The dimensions will help you decide, as you fit pieces in exactly, for the custom made look. Since Travis Court is open-stock you can start with a few key pieces now, and plan to add more later.

Now and later, you get pretty unusual value from your Travis Court. 28 separate operations create that beautiful finish . . . the wood is matched mahogany on cabinet woods, and you get all the important Drexel value-extras—dust-proofing, center-guiding, and sturdy construction.

At any of the leading stores listed here, see the Travis Court Groups. They are only two of the many Drexel Collections, correctly styled and priced for your home. Insist on the "by Drexel" brandmark, your proof of fine craftsmanship.

SPEND YOUR BUDGET ON COMFORT AND VALUE—BUY DREXEL



it's Travis Court

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IN ONLY 5 MINUTES!

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Casite is the quickest, easiest tune-up your car ever had. One pint of Casite, through the air-intake, gets rid of gum and goo, frees sticky valves and rings, lets the power zoom through.

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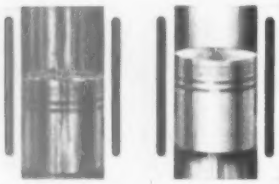
Casite, in the crankcase, keeps the engine clean and free-running. Casite actually *guarantees* Better and Smoother Motor Performance or Double-Your-Money-Back.



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FREE Write for your free copy of "Facts of Engine Life."

Photograph: Arnold

Late again! Does she like the attention, hate school, or just forget time when she's daydreaming?

Is your youngster late for everything?

By Myra Mayo

There are dozens of possible reasons for habitual tardiness. Find the one that fits your latecomer, and the problem is a long way toward being solved

Does your child live by a different kind of time? Or does he *want* to be late to school?

Three professors were talking about young Norris, who had climaxed four years of being late to classes by being an hour late to his own commencement. "Why?" I asked. "For attention," answered the white-haired professor.

"He's got a very good job since he graduated," said another man. "Will he be late to work every day?" I asked. "That," said the older professor, "*depends!*"

Twelve-year-old Jack lives across the street from the junior high school. When the principal called to ask why the boy had been late almost every day since school opened, Jack's father foresaw for his son a lifetime of failure based on unpunctuality. However, the solution to Jack's tardiness was comparatively simple, as you'll see.

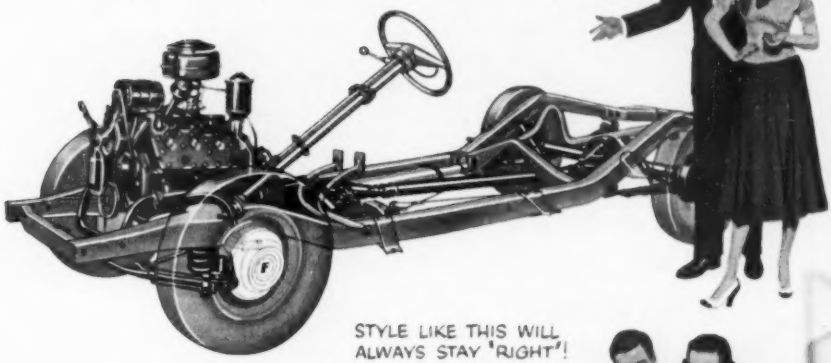
Even college-graduate Norris' chronic lateness, though more difficult, is by no means insoluble.

Time and people do funny things to each other. Time leads a double life. We can call its two ways of appearing to us simply outward and inward. Outward time is measured on the clock the way a piece of string is measured on a ruler, but inward time is measured by our feelings, and it stretches like a rubber band.

Time-sense in children is much more inward than outward. It takes a lot of experience in actually clocking our activities to develop a feeling for measured minutes and hours. When he's eager to go swimming, 8-year-old Donald *can't believe* that it's been only 20 minutes since lunch. Later, he *can't* believe that [*Turn to page 247*

TURN THE IGNITION KEY—THE ENGINE GOES INTO ACTION! NO FUSS. NO FUMBLE. STARTS ARE "INSTANT-QUICK"!

NO ROLL—NO PITCH—NO JOUNCE! AUTOMATIC RIDE CONTROL LITERALLY "IRONS OUT" THE ROAD!



from Start to Finish

...built for the years ahead

STYLE LIKE THIS WILL ALWAYS STAY "RIGHT"!

THOSE FORDCRAFT FABRICS ARE LOOMED TO LAST AND LAST!

A KEY-TURN AND THE DECK LID PRACTICALLY LIFTS ITSELF!

A "Test Drive" will show you why the '51 Ford is the one *fine* car in its field! You'll find it's big where bigness counts, with the most hip-and-shoulder room in its class . . . largest luggage compartment, too. It gives you such advanced features as the Automatic Mileage Maker which helped place Ford first in its class in the Mobilgas Economy Run. And, you have your choice of . . . *three transmissions*—Conventional Drive, Overdrive* or Fordomatic Drive*. . . *two great engines*—100-h.p. V-8 or 95-h.p. Six!

THOSE BEAUTIFUL BAKED-ON COLORS WILL KEEP THEIR SPARKLE FOR YEARS!

See "Ford Festival" starring James Melton on NBC-TV

*Optional at extra cost. Fordomatic Drive available with V-8 only. Equipment, accessories and trim subject to change without notice.

the '51 FORD

You can pay more but you can't buy better!

POINTERS FOR HOME PAINTERS

How to increase your painting skill . . . make your brushes last longer

Painting flat surfaces, use long, steady strokes. Don't bear down on brush. Heavy strokes don't distribute paint properly.

Brush oil-based paints out in thin, even coats. This makes the finish more durable, and thin coats of paint dry much faster.

Clean brushes with thinner after daily use. Suspend brushes in thinner overnight. Bristle tips should not touch bottom of can. Work out thinner before painting again.

For storage, clean brush with thinner, then scrub bristles on a board with warm water and cleanser, rinse in clear water, comb bristles, wrap in paper to store.

For best results use

NYLON PAINT BRUSHES

Job after job, you'll get best results with a well-tipped nylon paint brush. Durable Du Pont nylon bristles don't break off, even on roughest surfaces. They last 3 to 5 times longer than ordinary bristles . . . paint smoother . . . are clean and sanitary. Nylon paint brushes are made by leading manufacturers in all types and sizes. Look for the word NYLON on the handle.

The best brushes have

DU PONT NYLON BRISTLES

DU PONT

Better Things for Better Living . . . through Chemistry

Give your lawn a September boost

Begins on page 18

How to lay sod

It's not advisable to sod shaded areas in most sections of the country, because most sodding is done with bluegrass which isn't shade-tolerant. Sod of the shade-tolerant varieties of grass usually isn't available.

But now is a good time to sod worn strips along your driveways, holes, and bare spots in your lawn, banks, and new-lawn areas. You can do your own repairing and even sodding of larger areas. If you lift some sod to plant trees or shrubs, save it for patching worn spots. Or, buy sod, and have the sodding done. If there's grass you don't need on your lot, strip and lay it yourself.

Wait until just before frost to spade up the stripped area for a flower or vegetable bed. Leave it rough over the winter.

Step 1 Before laying sod anywhere on your lot, work up the ground first. Where there are hard-packed spots, use a pitchfork to work up several inches, loosening the soil so that roots of the sod penetrate easily. Spread a complete plant food on top of newly laid sod, or within several weeks. Water it in well

Step 2 Never lay sod over "cloddy" soil. With a rake, break up clods in the forked-up spot and rake fine as you would for a seedbed. Moist clods break up easier than dry ones. Be sure area is graded evenly. Fill and smooth all depressions with a spade. You should remove all stones and trash and haul them away

Step 3 When the soil is even and smooth, you're ready to lay the sod. Begin in a corner, and take special care to butt each strip firmly against its neighbor. After you've laid the first length of sod strip, start the next strip so that the edges don't coincide. In other words, make sure that all of the strip ends are staggered

Step 4 As soon as you've finished sodding, start the sprinkler. Keep running long enough to soak the sod and soil beneath it. Don't walk on the wet sod. Sprinkle every two or three days until the roots grow into the soil, grass is well started

More on page 210

Beauty, comfort, safety

The name "Kohler" identifies fixtures and fittings of beauty, engineered for reliable service, comfort, safety, sanitation.

The Cosmopolitan Bench Bath, with flat bottom, slope end and low front for safe, comfortable bathing, is of non-flexing iron, cast for rigidity that protects the lustrous Kohler enamel. The Niedecken mixer and multi-spray shower head afford easy, accurate control of water temperature and volume for shower and tub. The Gramercy vitreous china lavatory has an unobstructed shelf, integral soap dishes, compact mixer fitting. Surfaces are glass-hard, easy to clean.

Kohler chromium-plated brass fittings, designed expressly for Kohler fixtures, work smoothly, give lasting service. Consult your Kohler dealer on selections for bathroom, washroom, kitchen, laundry. Write for booklet D-17.

Kohler Co., Kohler, Wis. Established 1873.

KOHLER WILSHIRE SINK, *with easy-to-clean, lustrous, acid-resisting enamel surface. Two roomy basins, full-length shelf, two Duostrainers, faucet with swing spout and hose spray.*

KOHLER OF KOHLER

PLUMBING FIXTURES • HEATING EQUIPMENT • ELECTRIC PLANTS • AIR-COOLED ENGINES • PRECISION PARTS

treat your chairs to a Penta* solution!

they'll last two to four times as long!

Chairs and other outdoor furniture are extremely vulnerable to termites and rot. Protect them with wood preservative solutions containing PENTA . . . keep them safe and attractive for years to come.

You can buy PENTA-PROTECTED wood to repair house steps, roofing, window sash and frames. In fact all wood subject to moisture should be protected with water-repellant PENTA solutions that inhibit warping and checking, termites and rot.

APPLY PENTA YOURSELF! PENTA solutions are obtainable in economical, one-gallon cans to treat existing, unpainted wood structures. Take advantage of PENTA—it makes your wood last two to four times as long.

Write Dow for address of nearest dealer.

For further information and free booklet, "Before You Build Or Buy," write Dow, Dept. PE 36A.

*PENTA is a popular abbreviation of the name of the chemical, PENTAchlorophenol.

THE DOW CHEMICAL COMPANY • *Midland, Michigan*

WHEN YOU BUILD . . . *build with Penta-Protected wood!*

Use PENTA-PROTECTED wood for your new home, especially in critical spots like siding, roofing, studding and joists where termites and rot cause expensive damage.

DOW
Penta
chlorophenol

Give your lawn a September boost

Continued from page 208

How to lift sod from your lawn

Mow the grass that you've selected for sodding purposes just before you lift it. Grass that's mowed regularly makes a better-looking, thicker turf

Stretch a cord between stakes as a guide to cut sod strips in 12-inch widths with a spade or heavy knife. Or use 12-inch straight board laid on the grass as a guide for the cutting edge. Strips wider than 12 inches are harder to handle. After cutting several vertical strips, place the board crossways for cutting, if you want 12-inch squares

Use the sharp edge of your spade to cut underneath the sod. Cut the sod only 1 inch thick and as uniformly as possible. Roll the sod as you cut it. Or cut underneath the entire length from one side, then roll it up, all in one operation

After you have 2 feet of sod rolled, cut it off. A 2-foot roll is easier to handle than a longer roll. Before you start rolling, you can make the cross cut at 2-foot intervals, if you like. A wheelbarrow or cart is handy to take the sod where you want it. Don't cut more sod than you can lay in a day. Stacking weakens

More on page 213

Planning to Re-model

a single room...

If you can handle a hammer and saw, your family can have a beautiful wood-paneled room like this, easily, inexpensively, with a minimum of fuss and bother.

Just look what Weldwood paneling can do for your home. And the cost of its rich, warm beauty is surprisingly low, especially when you do the work yourself.

The big, quickly-installed Weldwood panels are available in a variety of fine cabinet woods . . . including oak, birch, walnut, mahogany and Korina.

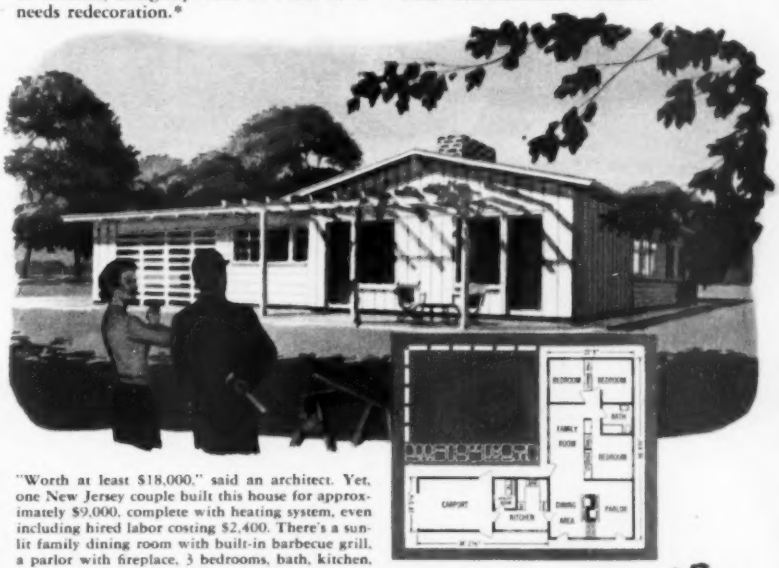
Weldwood Hardwood goes right over new walls or old . . . covers old wallpaper or cracked, unsightly walls . . . and never needs redecoration.*

See your lumber dealer soon and get complete information, including prices. He'll be glad to show you samples of the various woods available.

Also, use coupon for booklet, "Beautiful Wood for Beautiful Homes," and new Weldwood installation manual.

or Build

an entire house?



Save up to half the cost! Use Weldwood Plywood and new Easi-Bild patterns. Do all or part of the work yourself.

You'll be surprised how easily you can build this attractive, comfortable house, using the simple, step-by-step patterns offered here.

These full size Easi-Bild† patterns do away with hard-to-read blueprints. They show exactly how to make all angle cuts on rafters, gable studs, etc. Every step, from staking out the ground to hanging the closet doors, is clearly pictured and explained.

Use the coupon to order your Easi-Bild Patterns for this house. Or, if you're not quite ready to build, get the Shopping Guide now. This provides floor plan, interior views, and a complete list of materials required. With it, you can get accurate cost estimates for all needed materials. Also, you can use it to file for your building permit.

†T.M. Easi-Bild Pattern Co.

"Worth at least $18,000," said an architect. Yet, one New Jersey couple built this house for approximately $9,000, complete with heating system, even including hired labor costing $2,400. There's a sun-lit family dining room with built-in barbecue grill, a parlor with fireplace, 3 bedrooms, bath, kitchen, laundry and carport, with work and storage space.

Note, too, that this house is so designed that the two back bedrooms and carport could be added later if desired.

One of the biggest time- effort- and money-savers in this quality house is Weldwood Plywood . . . inexpensive fir for sub-flooring, side and roof sheathing . . . Weldwood Hardwoods for walls and built-in units. The large 4' x 8' panels go up fast and easily. Learn how you can build this house yourself and save up to half, or merely *manage* the job yet still save up to one-third!

Weldwood® PLYWOOD

*Interior grade Weldwood Plywood is guaranteed for the life of the building in which it is used.

MAIL TODAY Weldwood®

UNITED STATES PLYWOOD CORPORATION
Box 61, New York 46, N.Y

☐ *Enclosed is 25¢. Please send illustrated booklet, "Beautiful Wood for Beautiful Homes," plus new 32-page detailed Weldwood installation manual.*

☐ *Enclosed is $5. Please send Easi-Bild Pattern #502 containing step-by-step directions, rafter patterns and complete list of materials.*

☐ *Enclosed is 50¢ for #502 Shopping Guide so I can get local costs on all materials required.*

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the quality Inlaid Linoleum!

Nairn Inlaid Linoleum delights your eye with its wealth of color, its beautiful surface, its way of inspiring new and different effects in your home.

It's restful and resilient — grease-resistant and easy to clean — but that's only part of the exciting Nairn story. For only Nairn Linoleum has the extra advantage of the patented duplex felt backing to give you lasting, on-the-level smoothness.

In fact, Nairn is so through-and-through good that it is doubly certified. Both manufacturer and dealer certify satisfaction guaranteed or your money back. Here is the safest floor covering investment of all!

Only Nairn Linoleum has this patented duplex felt backing — look for it when you buy.

NAIRN

NAIRN INLAID LINOLEUM

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Give your lawn a September boost

Continued from page 210

How to treat problem spots

New sod laid on slopes and banks can slide badly when wet. That's why it's necessary to pound stakes through the sod into the soil beneath to hold the sod until new roots anchor it. Stagger the pegs along each strip. You can remove the stakes in two weeks

Roll a strip of sod on either side of your driveway and walks to keep rain from splashing mud on them. This is an especially good idea if you're starting a new lawn from seed. Seed beyond sodded strips and protect paved areas while the seeded lawn gets established. You can also roll strips of sod wherever you want to repair bare or thin spots worn by children

You can quickly repair worn lawn spots, as under a child's swing, with sod. To do a good job, cut the bare spot out with a sharp spade. Make a perpendicular cut along the edge with your spade. Make sharp edges like this in doing any repair job. Make sure bottom is level. Spread a burlap sack to keep spaded-up loose soil off adjacent grass

Unroll the sod strip that's cut to fit the prepared spot. Cut the sod edge with your knife if it's too wide in spots. Be sure strip butts square to surrounding lawn on all four sides. Use the back of your spade to slap the sod tightly in place. Then water thoroughly and keep watered for several weeks. Don't let your child use the swing during that time. Or move swing to new spot to distribute wear

"I found the loveliest floors are never scrubbed!"

"I was green with envy when I saw Mrs. Smith's lovely wood floors! Mine were so shabby. I always seemed to be wiping them up and I had no luck with so-called 'easy-way' methods of floor care. I asked Mrs. Smith her secret.

"'Never put water on wood floors,' she said. 'Use Johnson's Liquid Cleaning and Polishing Wax. It cleans better than scrubbing—brings out the wood's natural beauty, too, because it's the *liquid* form of Johnson's Paste Wax!'

"I tried it, applying it the easy way, standing up with a long-handled applier. It wiped away dirt, scuff marks and stains, then polished to a gleaming wax luster that even my youngsters' trampling, rough-housing feet couldn't mar!

"No more scrubbing now that I use Johnson's Liquid Cleaning and Polishing Wax regularly—yet I have the cleanest, loveliest wood floors in town! Wear doesn't faze them. Instead, they get more beautiful with every waxing as the years go by!"

Insist on genuine polishing wax...

Johnson's Liquid Wax

Margaret Scott
Johnson's Wax
Consumer Service Department

Floor care tips by Margaret Scott

Grease stains and black marks from rubber heels can be quickly removed by rubbing with a cloth dampened with Johnson's Liquid Cleaning and Polishing Wax. If spots are extra stubborn, use fine steel wool instead of a cloth.

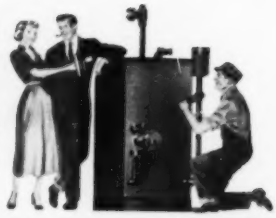
Don't forget that you can put Johnson's Liquid Cleaning and Polishing Wax on your floor with a long-handled applier. You don't have to get down on your knees—and you clean and wax your floor at the same time.

Don't confuse Liquid Cleaning and Polishing Wax with liquid self polishing floor waxes. The polishes which dry shiny do not clean, and floors must be washed and rinsed before their application. No washing is needed with Johnson's Liquid Cleaning and Polishing Wax.

For detailed information on floor care, write me at Johnson's Wax, Racine, Wisconsin

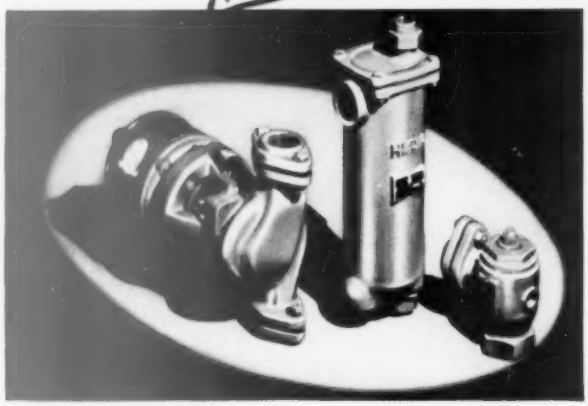
"JOHNSON'S" IS A REGISTERED TRADEMARK. © S. C. JOHNSON & SON, INC., RACINE, WIS., 1951

So easy to have



... constant, even warmth ... lower fuel bills

... loads of hot water *from your present boiler*



Modernize with

Hydro-Flo* Heating

If you now have an old-fashioned hot water heating system, a simple change will give you an entirely new conception of winter comfort. Modernizing your heating plant with the B & G *Hydro-Flo* equipment illustrated above converts it into a *forced circulation* system — the same kind of system used in hundreds of thousands of homes today.

You won't have to rip out radiators or make any structural alterations — all work is confined to a few changes around the boiler. Thereafter, you'll enjoy all the benefits of *forced hot water heating*.

Heat is supplied instantly when needed and *smoothly modulated to meet every change in the weather*. That's why B & G *Hydro-Flo* Heating is so easy on fuel — just enough, *and no more*, is burned to keep your home in constant comfort.

Your hot water problem is solved, too. You'll have all you can use . . . 24 hours a day, all year 'round . . . at so low a cost you can use it lavishly.

See your heating contractor. He'll be glad to give you complete information on converting your present system to B & G *Hydro-Flo* Heating.

The complete story of B & G *Hydro-Flo* Heating is given in this free booklet. Send for your copy.

BELL & GOSSETT COMPANY

BELL & GOSSETT COMPANY
Dept. CE-26, Morton Grove, Illinois
Please send your free booklet "Capture the Sun with B & G Hydro-Flo Heating."

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City ..... *Zone* ..... *State* .....

*Reg. U. S. Pat. Off.

How to build an

When you have assembled and installed the door, test it for smoothness of operation before painting. A high-quality primer and two coats of exterior paint will assure a handsome, durable finish. Hardboard panels must be dry before paint is applied

Here is one you can assemble in a single weekend to fit a new garage or an old one

By Robert MacLean

Want to modernize your garage with an overhead door? You can buy a handsome preassembled unit ready for installation, of course. Or you can build your own overhead door; you'll need only a few hand tools. If you use special overhead-door hardware, your project shouldn't take more than a single weekend. And your home-built door will be durable and easy to operate.

First step is to take measurements to estimate the amount of material you'll need. Measure width and height; remember the door must swing *through* the doorway. Height will be distance from the highest point of the floor to the bottom of the plate over the opening.

Buy 2x4 pine lumber for the door's outside frame, enough 2x2 lumber to form three intermediate supports in each direction, enough 3/16-inch tempered hardboard for eight panels to cover inside and outside faces of the door. You will also need waterproof glue, 3 pounds of threepenny galvanized siding nails, a half pound each of eightpenny and tenpenny common nails, hardware to hinge the door, and exterior paint.

The hardboard panels should be pre-expanded. Twenty-four hours before you nail them to the framework, cut them to size and put cold water on the screen side, scrubbing with a broom or stiff brush. After color has turned dark brown, stack panels, screen sides together, and cover stack to prevent evaporation. Then, during this conditioning period, cut and assemble framework lumber as shown in the step-by-step pictures here and on page 216.

overhead garage door

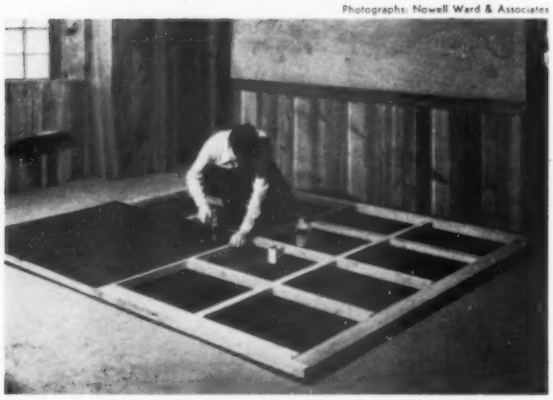
Framework. Cut 2x3⅝-inch notches in each end of vertical 2x4s to form the shoulder joints. After truing the angles with a square, glue and nail the frame together, using three tenpenny nails at each joint.

Then nail three 2x2s the length of the framework, evenly dividing the width. Drill diagonal holes at ends of these members so you can toenail them securely into frame with eightpenny nails

Ventilation. Before nailing them in place, drill each of the short 2x2 crosspieces with a ¼-inch bit. Drill holes so they will provide ventilation into each section of framework, to prevent moisture condensation.

The short 2x2s, like the longer ones, are nailed through diagonal drill holes. Also, bore holes through the top and bottom rails at spots that will admit air to each section

Photographs: Nowell Ward & Associates



Attaching panels. Spread glue over first section to be covered and over hardboard where it will contact framing. Lay the panel in place; fasten with siding nails every 3 inches. Do the same with each panel, bringing edges to close, but not tight, contact. Saw 2-inch batten strips of hardboard for outside joints. Glue and nail them in place

More on next page

• FLOWERS express man's hope for everlasting peace. Their delicate beauty and fragrance shut out doubt and darkness by symbolizing the love we hold for those we've lost.

And, because we love, we grieve. But, because we have faith, we look forward to immortality. To our soul's unspoken question on these solemn occasions, flowers whisper comfortingly, "Hope!"

Because . . . like life . . . flowers flourish and fade. But there is something in their vital beauty that cannot wholly perish.

When you can't be there with those who grieve, Flowers-By-Wire carry your sympathy across the miles.

FLORISTS' TELEGRAPH DELIVERY
Send Flowers Worldwide
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LOOK FOR THE FAMOUS F.T.D. MERCURY EMBLEM. IT IDENTIFIES THE RIGHT SHOPS!

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All The Hot Water You Want All The Time

for just a few pennies a day!

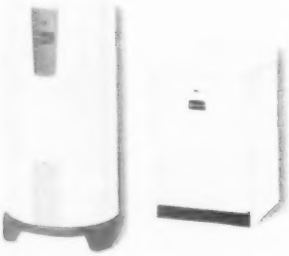
FRIGIDAIRE
Electric Water Heater

Fully Automatic! Set it once— it's set for years!

- **No Fuel—No Flues!**
- **No Dirt—No Soot!**
- **No Wasted Heat!**

No work! No worries! With a Frigidaire Electric Water Heater, you just set the thermostat *once*. You'll have all the hot water you want at your finger tips for years. And since it's *completely automatic*, you never have to touch it.

Thrifty, too. Only Frigidaire has the Radiantube Heating Unit. It's completely immersed, so all heat you pay for goes right into the water. Exclusive sickle-shape gives extra heating surface, adds to life of unit, prevents wasteful scale.



Handsome Table-Top Models. Feature Porcelain-finished working surface that resists acid, grease, heat—wipes clean with a damp cloth. Good-looking addition to your kitchen!

Size and Style for You. Choose from upright or table-top models—30- to 80-gallon sizes. For areas with corrosive water, magnesium rod models available in full range of sizes and types!

See the long-lasting Frigidaire Electric Water Heaters at your Frigidaire Dealer's

Frigidaire reserves the right to change specifications, or discontinue models, without notice.

How to build an overhead garage door

Begins on page 211

Fitting door. Prop door in place on small blocks. Mark locations of hardware and make final adjustments. Two types of hardware are available: one operates with a spring, the other with weights. Hardware includes a handle and lock. Here, the roller unit is being bolted to the door framework so it is in alignment with the track previously installed

Applying hardware. In applying the hardware, follow the manufacturer's directions carefully. After installation, parts should be adjusted according to the direction sheet. Here, fitted and in place, the door will be ready for painting and for use following an adjustment of the tension on the spring

try Paint Colors before you buy!

Walls in Sky Blue! One of today's *most wanted* colors, by Eagle-Picher. It's a cool, restful color that makes a gracious background for furnishings. And you can achieve harmony just as easily with other *most wanted* colors.

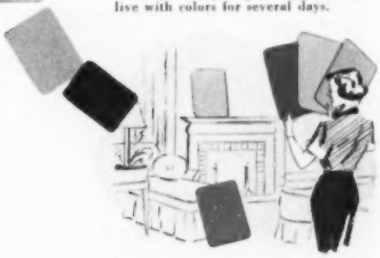
Exclusive Home-Test

Giant Color Album

for sure color selection!

Actual size of panels 14 x 19 inches—112 times bigger than ordinary chips!

It's easy to choose right color! This album is a new way to color harmony. Place giant panels (in *most wanted* colors) near upholstery, rugs, draperies. Then live with colors for several days.



One color stands out! Compare colors everywhere in the room, in artificial light, in sunlight and shadow. One will give the color harmony you've wanted. See your Eagle-Picher dealer for this album—no obligation.

Decorate with today's most wanted colors ...in Eagle-Picher Pre-harmonized Paints!

Now with Eagle-Picher's Giant Color Album you actually *live* with paint colors before you buy paint!

And these colors are the very ones people like yourself want for their homes! Recommended by the Rahr Color Clinic, they are the result of 676,000 personal survey replies from all over the country. Yes, Eagle-Picher paints are America's *most wanted* colors!

They are pre-harmonized, too. You'll find they go with colors featured in magazines and department stores . . . with popular colors in upholstery, rugs and draperies. That's because the same survey replies used for Eagle-Picher paints are used by manufacturers to select new colors for home furnishings.

You can put on Eagle-Picher Pre-harmonized Paints easily by brush, roller or spray. They are genuine oil base paints, truly washable! Try these *most wanted* colors. Ask your Eagle-Picher dealer about the Giant Color Album.

EAGLE-PICHER *Since 1843*

Your Home deserves the Best...

For over 100 years, the business of Eagle-Picher has been developing and making products that provide better living . . . products that have helped to make American homes the best in the world.

As a result, generations of painters have insisted on using Eagle-Picher products for both interior and exterior painting. Similarly, homeowners all over the country have selected Eagle-Picher Certified Insulation Jobs of super-efficient mineral wool for year-round comfort and fuel economy—and thousands of American homes enjoy the superlative convenience of Eagle-Picher Combination Storm Windows and Screens. Yes, the Eagle-Picher name *on any product* means that you are getting the best.

Eagle-Picher—since 1843—creators of quality products for home and industry

THE EAGLE-PICHER COMPANY, Dept. BHG 9-51
Cincinnati (1), Ohio

Please send me details on Eagle-Picher Pre-harmonized Paints in today's *most wanted* colors, and on the Giant Home Test Color Album. No obligation.

Name _____

Address _____

City _____ *Zone* _____ *State* _____

I am also interested in information on
☐ Storm Windows ☐ Certified Home Insulation Job

Photographed in House & Garden's 1951 House of Ideas

Add a ready-for-anything room

If you have neither porch nor garage to remodel, here's an all-purpose addition you could build

By Betty Childs

Two years ago, like many another family, the C. E. McCauleys had a rather formal living room and an unprotected back terrace. Neither was comfortable. The living room was too stiff for relaxed, everyday living, and the terrace was either too hot or too cold during most of the year.

Today the McCauleys still have their living room, but they converted their little-used terrace into an all-purpose family room for dining, informal entertaining, television, reading, and study.

A window wall with two sliding panels makes the garden more enjoyable than it was from the old wind-swept terrace, and the new room has become, by far, the most-used room in the house. The floor plan and the pictures here and on page 221 show you why.

Gray stucco addition, blending with lines of the two-story house, doesn't look like a remodeling job. Two outside sections of window wall slide back to give access to the garden. A four-foot roof overhang shades the terrace in summer

Addition was designed by Architect Roy A. Kazebier, A. I. A.

Photographs: de Gennaro

Large flagstone fireplace has a raised hearth and simple design that gives a feeling of solidity to the entire room. Window wall opens on a small, sheltered terrace, back-yard garden, and barbecue fireplace. Draperies hang behind built-in cornice and run full length of room

More on page 221

CLOROX does MORE than give you *extra-gentle* bleaching!

It's a 4 in 1 product!

1 AN *extra-gentle* BLEACH

From coast to coast, Clorox is first with America's housewives. It is *extra gentle;* conserves costly linens. Here's the scientific reason: Clorox is free from caustic and other harsh substances . . . made by a patented formula *exclusive with Clorox!*

2 A *dependable* STAIN REMOVER

Another valuable benefit you get from Clorox is its stain removing action. Clorox removes numerous stains from white and color-fast cottons and linens, from kitchen and bathroom surfaces!

3 AN *effective* DEODORIZER

You say good-bye to musty linens when you launder with Clorox, for Clorox deodorizes ...leaves linens fresh-smelling. Clorox deodorizes in kitchen and bathroom cleaning, too!

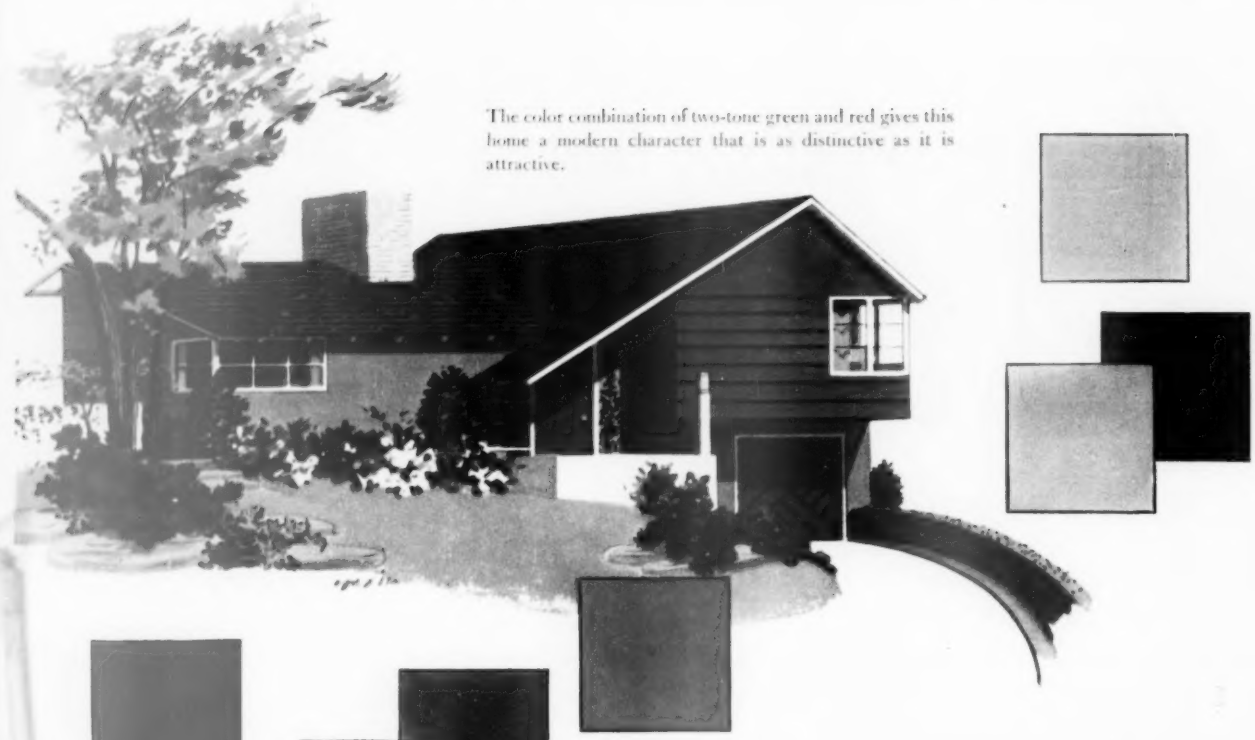
4 *In addition* CLOROX is one of the world's great DISINFECTANTS

There's added health protection for your family in every bottle of Clorox you buy. For Clorox is the most efficient germ-killer of its kind . . . whether used in laundering or in routine cleaning. And Clorox costs so little . . . protects so much. See directions on the label.

You get all *4 in 1* with CLOROX *America's Favorite*

CLOROX-CLEAN means ADDED HEALTH PROTECTION!

The color combination of two-tone green and red gives this home a modern character that is as distinctive as it is attractive.



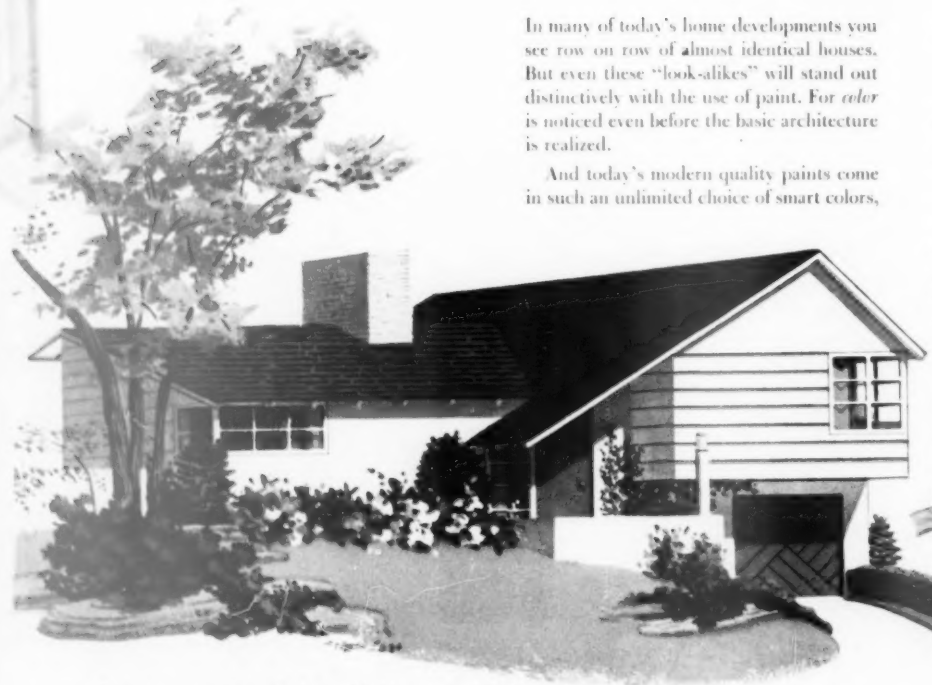
Paint alone makes the difference! Paint also will protect!

In many of today's home developments you see row on row of almost identical houses. But even these "look-alikes" will stand out distinctively with the use of paint. For *color* is noticed even before the basic architecture is realized.

And today's modern quality paints come in such an unlimited choice of smart colors, that you can give your home just the color-character you want at low cost.

Naturally, when you make the major investment that a home represents, you want to protect that investment (especially today when building supplies are becoming increasingly difficult to secure). It's comforting to know that when you buy paint for its attractive color, you're also getting the protection-for-the-years that only paint will give.

So see your paint dealer or decorating contractor today! Remember, *it always costs more NOT to paint.*



By using conventional white with blue trim, the identical house takes on a more traditional appearance with paint alone.

Save the surface

Paint & Varnish

© 1951, National Paint, Varnish and Lacquer Association, Inc., Washington, D. C.

Add a ready-for-anything room

Begins on page 219

With their all-purpose room just two steps down from kitchen, the McCauleys can serve buffet-style meals to as many as 24 guests. Magazines and games store in built-in cupboards at left

Planned for informal family living and entertaining, and for easy upkeep and cleaning, the room has knotty-pine paneled walls and a waxed cement floor. West-facing windows have sliding sashes and screens with vertical wire ribbing that serve to break sun's rays

"Let's follow Dad's advice and get a Lennox!"

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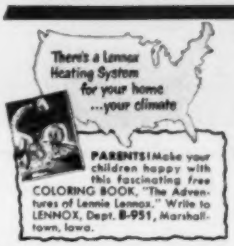

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BETTER HOMES & GARDENS

New outlook for an old home

By Beulah Donohue Hochstein

Radio-phonograph replaces the wall. Entrance hall is still separated from the large room. Radio unit is lighted from above by built-in lights. Those small drawers hold 3x5 cards for indexing an extensive collection of records

If you live in a large, old home, you know they're fine for a big family. You don't have to drag in a folding bed when you have guests. But with all the space, they often are too cut up.

Take the Dr. John Owens home just outside of Milwaukee, for instance. They had a living room that opened off a useless entrance hall. The wall separating the hall and stairway from the living room somehow seemed to get in the way. Their solution to the problem was to knock out the wall and give themselves a larger, more spacious living room. Now this solution of "knocking out the wall" may seem a little drastic at first, but take a look at what it gives them. While they were at it, they paneled and painted the walls, and built in cabinets for their extensive record collection.

A big house gives you plenty to work with. Take a tip from how Architect Frederick Schweitzer helped the Owens make their home a better place in which to live.

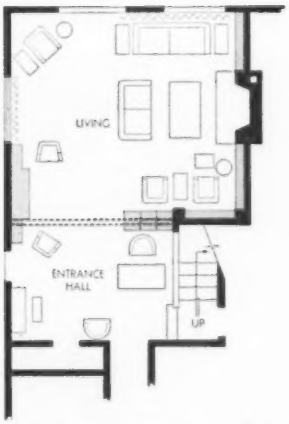
Photographs: Gorski

"Library" area occupies the wall opposite fireplace

Notice the convenient lighting above the magazine rack. Double doors on either side of the "library" are curtained with draw draperies matching those that cover entire wall. Drapery material is repeated on big chairs

Built-ins by fireplace hold record collection

Sliding doors are used on record storage cabinets on either side of fireplace. Fireplace and wall above, like all wall areas not paneled in pine, are painted gray-green. The draw draperies cover side wall



Broken line shows where the "wall that got in the way" once was; storage is indicated by gray. Effective furniture arrangement gets maximum use of space

The movie screen pulls down from roller concealed under the cornice. Movie or slide projector is placed on top of radio-phonograph unit at opposite end of the room. The draperies drawn across the window wall make it possible to show films or slides even during the day

America's proudest cooks...

STATE FAIR BREAD WINNER!

Mother-of-three, Mrs. Myron W. Clark, Stewartville, Minnesota, won the 1950 Minnesota State Fair Baking Division!

Says Mrs. Clark, "In 3 years I've won 40 ribbons and 2 sweepstakes for my bread at the Minnesota State Fair. For cleaning up my pots and pans I like Magic S.O.S. It's faster and easier—and for me, means *better* cooking!"

...always reach for S.O.S

use S.O.S for all your pots and pans

•

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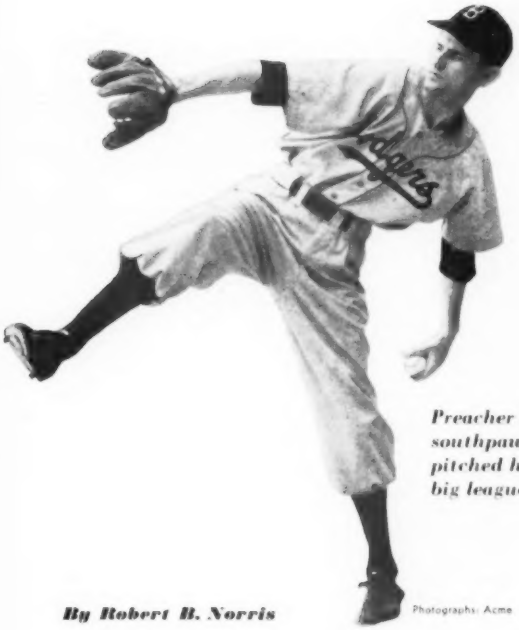
What's the truth about left-handers?

Are they handicapped?
Should you try to change them?
What kind of a break would really help them?

Throws left, writes right (handed, that is)

Famed cartoonist Milt Caniff draws left-handed



Preacher Roe's southpaw pitched him to big leagues

By Robert B. Norris

Photographs: Acme

Ever since our son first took a determined grip with his left hand on a wooden hammer and whammed the pegs through his newly acquired peg board, we have been keenly aware of the fact that we have brought a "lefty" into a right-handed world.

After living through nearly two years of warnings about how he would stutter or behave even more alarmingly, and "advice" about how to correct the situation—most of which we know now was dead wrong—we determined to discover what *facts* are known about the trait of [*Turn to next page*

Lefty Joseph Curtin, radio's Mr. North

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WRITE TODAY **for your BPS Color-Vision chart and see how rooms look when finished in smart single colors. Send printed name, address and 25¢ in coin to Patterson-Sargent Co., Dept. G, 1325 E. 38th, Cleveland 14, Ohio.**

THE PATTERSON SARGENT CO.

CLEVELAND NEW YORK

What's the truth about left-handers?

Begins on preceding page

left-handedness our child showed.

One of the first things we discovered is that 98 percent of all parents and potential parents hope for right-handed children. Another is that nearly half of all children go through a left-handed stage. This, obviously, includes a large portion of parents and children and, more than likely, includes you or your child.

Shortly after we discovered that Tom was sinistrorsally inclined—left-handed to you and us—I happened to be visiting a school with a specialist in child development. School had just opened and a second-grade teacher was checking the reading, counting, and writing ability of her class. "How many monkeys in the picture?" she asked. A dozen or more hands shot up.

"You," she pointed to a waving boy, "may write the correct number on the board."

He did; and, back-sloped though it was, his "8" was clear—and what is more, it was correct.

"You wrote with the *wrong* hand," was her only reply to his approval-asking glance. He shrank back to his seat.

"Bob," said my psychologist friend after he had motioned me to a hasty exit, "that's what we southpaws have to put up with. I had to get out of there before I blew my top."

He was perfectly correct; and our experience in that school was not unique. In another school, this time in Michigan, a university professor observed a child taking an examination in our right-handed world with right-handed armrests and right-handed lighting. After watching her for a few minutes as she sat, twisted awkardly over her paper and stopping to rest frequently, he asked the teacher how many left-handed children were in her class. "None," she replied; but a quick count showed that there were five. The principal of the same junior high school said that there were "very few" in the school, but a survey indicated that nearly 10 percent of all of the children wrote with their left hands. The professor carried his study further and found that out of the 225,000 pupils he checked, 18,450—8.2 percent—wrote with their left hands. His findings seem to be in line with those of other recent studies which indicate that 8 to 10 percent of us are lefties.

It is interesting to note—though somewhat astounding—that 25 years ago the figure was only 2 to 4 percent. Some psychologists say that it will continue to rise; not because there are more left-handed babies born, but because we are at last beginning to understand and accept the fact that *left-handed children are perfectly normal*. Consequently, enlightened parents and teachers do not put so much pressure as formerly upon them to change.

There is no general agreement as to why people are left-handed. Most people—and some authorities—believe that it is an hereditary trait somewhat similar to the color of one's hair and eyes. But—no matter what the reason—there are a great many left-handed people.

In fact, there is evidence that most babies under 6 months slightly prefer the left hand. Between the sixth and the eleventh months of age, this dwindles to a little less than 50 percent, and it continually lowers through the first years of school, with the greatest number changing between the ages of 3 and 7.

Why do they change? A large proportion of babies are inclined to use *whichever* hand is nearest to an object and—except for those who are trying to develop a first baseman, a pitcher, or a left-handed polo player—most parents try, consciously or otherwise, to influence the use of the right hand by making it more convenient for children to use this hand most. With use, it naturally becomes stronger and soon becomes the preferred hand in many, many cases.

This is perfectly all right so long as we use *passive* and *casual* means to encourage right-handedness. In spite of what you may have heard to the contrary, there is not an iota of evidence that the change to right-handedness will do damage to either the speech, the emotions, or the mental development of left-handed children.

Now, before you protest that you know of youngsters to whom such a thing happened, let us hasten to add that when parents and others show displeasure and scorn at left-handed efforts, there *can* be damage. It's the same as the emotional upset that any child—right- or left-handed—feels when he is laughed at, rebuked, or ridiculed for *any* reason.

There are just as many natural right-handers who stutter as there are reformed left-handers. It is the manner of the change and not the actual change itself which causes trouble. Not being certain that we can always be "passive and casual" in attempts to change him, we have decided to make no effort to influence our boy's inclinations.

We're convinced that it's just as nice to have a healthy southpaw for a son as a more conventionally geared youngster. Not only is he no more likely to stutter than any other child, he is no more likely to lie, steal, or cheat at canasta than any other healthy youngster.

As in most other things, children will work their handedness out for themselves. It is, however, extremely important for parents and teachers of a confirmed lefty to try to teach him properly and to help him make his somewhat more difficult adjustment to life. There are, incidentally, tests which can show the *degree* of left-handedness and thus give a guide as to how far to go with any changes. Such testing should be done by a clinical psychologist, because left-handedness is a very complex trait bound up

[*Turn to page 228*

This floor makes it practical to enjoy your basement

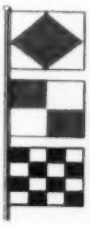
An inviting basement room like this with its bright nautical decorations makes parties more fun. Your own basement can be made just as livable, merely by developing your favorite decorative theme and putting down a floor of Armstrong's Asphalt Tile.

This modern flooring overcomes the old problems of dusty, drab concrete basement floors. Unlike ordinary flooring materials, Armstrong's Asphalt Tile is not affected by the alkaline moisture that's always present to some degree when concrete is in direct contact with the ground. It was developed especially to provide a colorful floor for basements and basementless houses and goes down right over the concrete subfloor without any special preparation.

Because Armstrong's Asphalt Tile is laid in individual blocks, you can plan a distinctive design, have a floor that contributes to the decorative theme of the room. The swirl marbleization adds to the over-all beauty of the floor, helps conceal footprints and dust until they can be brushed away.

Armstrong's Asphalt Tile is a rugged floor. Its tough composition can take rough usage. Slide furniture over it, dance on it, you'll find it difficult to mar the lustrous surface. This floor cleans up easily, too. Spilled foods and beverages can be wiped up without leaving a trace—even cigarette burns are easy to remove. Occasional washing and waxing is all the care it needs to keep it bright and new-looking for years.

Let your Armstrong flooring merchant show you the handsome colors in Armstrong's Asphalt Tile. He will be glad to help you work out a floor design to meet your decorative needs. The low cost of this modern floor will be a pleasant surprise.



The seagoing atmosphere of this basement party room invites guests to have fun. It can be carefree fun, too, because the colorful furnishings are so practical. That's particularly true of the handsome floor of Armstrong's Asphalt Tile. It's durable and, in addition, it's an important part of the room's decoration. Signal flags are made up of various asphalt-tile colors and accent the Bermuda Blue Marble of the floor field. Floor plan and list of furnishings for this room will be sent to you free on request.

ARMSTRONG'S ASPHALT TILE

The low-cost floor (A) with the luxury look

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☐ I am planning to build
☐ Want Gas Heat in present Home BH9

What's the truth about left-handers?

Continued from page 226

with the reactions—including eyes and feet—of the whole child.

While it *is* a problem to be a lefty, it is not so much of a problem that it needs to be the cause of any great difficulty for a normal boy or girl. Indeed normal and bright children make necessary adjustments with considerable ease. And, with a little effort, parents and teachers can help their southpaws make these adjustments even more easily.

In the first place, accept left-handedness as perfectly normal; *never* tell a child that he is using the "wrong" hand. This acceptance is not always easy because the word "left" itself originally meant "sinister"—the modern French term for it means the same as clumsy—and we have many common expressions which emphasize this. We say, for example, "that's a left-handed compliment" when we mean that it isn't a compliment at all. A "left-handed oath" is one which need not be kept. And you were a rare child if you never were sent looking for a "left-handed monkey wrench."

Too, many of our common things of life are designed for right-handed use: scissors, gear shifts, doorknobs, screws, egg beaters, pencil sharpeners, corkscrews, and some musical instruments—to mention just a few.

There is a group of adults, by the way, who advocate an Association for the Protection of the Rights of Left-handers. Members would be allowed to use their left hands in taking oaths, saluting, and so on, and they would be furnished with clothing on which the buttons were reversed.

As long as the left-handed are a minority group, this is not likely to happen, but it does point up the fact of just how important it is to help left-handed children adjust to their environment.

We can buy special scissors for them, as well as ball gloves, golf clubs, and many other things. Schools which use the armrest type of seat can—and definitely should—buy 8 or 10 percent designed for left-handers. Extra pencil sharpeners should be installed so that the crank is on the left side. The angle of lighting on reading matter is not now considered to be as important as it used to be, but it is still inconvenient, at least, to work in one's shadow; parents and teachers can help by either moving lights or seat positions. These are seemingly simple things to do, but how much more comfortable they make the lefty!

There are certain things at which a left-handed person cannot excel any more than a bald-headed man can pose for the "after" pictures in hair-tonic advertisements. For example, no lefty is likely to follow Billy Rose to fame via the shorthand method. The commonly used systems of shorthand are definitely designed for right-handed people.

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UNITED STATES RUBBER COMPANY

Some machines, such as comptometers, are also designed for right-handed use.

On the other hand, we all know how valuable left-handed pitchers and firstbasemen are. Indeed, some psychologists suggest that the fame of the big league "southpaws" has had much to do with the increase in the number of children who grow up to be left-handed. A left-handed polo or tennis player is an uncanny opponent.

The left-handed child should be made aware that he belongs to an important group. Each year, for example, President Truman—who writes with his right hand—has his picture taken throwing out the first baseball of the season with his more natural left. Michelangelo, Raphael, Leonardo da Vinci, and President Garfield are other notable members of the clan, which includes many modern celebrities.

Unfortunately, few teachers have had special education in helping left-handed children. Too often the school seems to say, "If you are left-handed, that's just too bad. This is a right-handed world and you had better comply." Teachers, not knowing what to do, often give the left-handed child less help than others or—much worse—try to make him conform. It is appropriate, by the way, to use "him" because there are about twice as many left-handed boys as girls.

If your child is left-handed, we hope that you will show this article to his teacher because her understanding and help is especially important. She should observe her classes to discover lefties and should give careful thought to their needs.

For example, in writing, the child—who is probably teased by his fellows—will endeavor to follow the teacher's directions and example closely. With a right-handed desk, a right-handed position for his paper, and a writing system designed for right-handed people, the results are bound to be poor. The teacher's encouragement may help some children to learn to write right-handed—and this is desirable if it can come without emotional strain—but the confirmed lefty must learn to write, too. At best, it will be a difficult job because the very fact that we write from our body outward is an aid to right-handed people. The child should be encouraged to slant his paper so that it runs along his arm and should be allowed to write with a modified backhand slant. Remember that there is nothing sacred about the slant of writing so long as it is readable. Some teachers have found that left-handed children can learn to write more easily on the blackboard. The important thing is to give the child the proper conditions—those most natural for him—under which to write, and then let him follow his own natural inclinations.

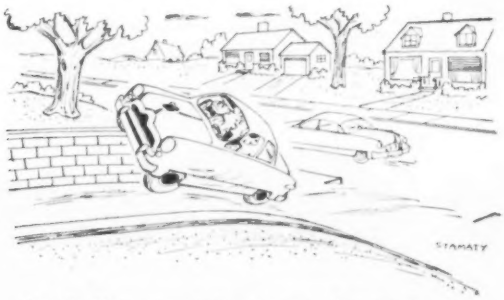
About 1 percent of the lefties—or about one child in a thousand—are "mirror-writers." That is, they write bottom side up and backward. This does *not* mean that there is anything wrong with them; it does mean, however, that they need *expert* help in learning to write and read so that they can communicate in this right-handed world. If your school does not provide such experts, it should be able to help you get in touch with one.

There is no evidence that left-handedness—whether it is allowed to develop naturally or whether the child learns to use his right hand—has any more effect on his ability to learn to read than the color of his hair or the size of his feet!

All teachers should remember, though, that on many tests, especially if taken in a right-armed chair, the southpaw is at a manual inconvenience. And, if a child becomes upset because he is "different" from other children, the teacher should find tasks in which his special characteristic of left-handedness is highly advantageous.

At home, instead of harping at a child to eat with his right hand, for example, his folks should arrange to seat him so that his left elbow is free for movement. A small child should eat with whichever hand best suits him. Later—perhaps not until adolescence—he will probably develop enough skill with his right hand so that he can use it satisfactorily for eating and thus avoid one of the problems of "looking awkward." But, even in the teens, handedness should be no issue; the lefty's desire to be like the rest and to impress his girl friend will be strong enough motivation.

It goes without saying that left-handedness *is* more of a problem than right-handedness. But it need not be a major problem if parents and teachers will only remember to treat it naturally and to do everything they can to make the left-handed comfortable and naturally accepted.



"Really, George, you can't expect to teach me by shouting."

Smart homes

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Cedar Shakes

Color is the keynote in modern home decorating, for interiors and *exteriors* as well. When you consider remodeling the exterior of your house, or building a new home, you'll find that pre-stained cedar shakes fulfill all of your desires . . . for choice of colors, for luxury appearance, for warmth and carefree comfort throughout the years. Notice the wide rows of rich brown shakes illustrated above, the textured surfaces and the decorator colors of the individual shakes shown at the left. These are but samples of the many attractive colors available for your inspection at better retail lumber stores everywhere.

Cedar shakes are a modern development of time-proven cedar shingles. Factory staining assures you of smooth, professional color application on every cedar shake, and the stained, grooved surfaces simply *will not blister*. Best of all, for your new home or for your modernized exterior walls, you will find the cost of cedar shakes most reasonable.

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hauls a bulky load

The Willys is a willing worker around your home, farm or business. It is designed—as many station wagons are not—to haul tall, bulky loads, up to ½-ton in weight, 98 cu. ft. in size. Load space is 4 feet high, almost 5 wide. The wide-opening, continuous-hinged tailgate opens level with the floor, supports 1,000 lbs. The Willys, with more usable cargo space and washable interior, surpasses any other station wagon for practical usefulness!

...and helps you have fun on week ends

The Willys Station Wagon is a great family car, too—smooth and comfortable . . . a delight to handle . . . with ample room for six, plus loads of luggage. Its high-compression *HURRICANE* Engine gives flashing performance and literally squeezes more miles from every gallon. And with all this, a Willys costs up to $400 less than any competitive, full-size station wagon. Your Willys Dealer has one ready for you to road-test *right now!*

WILLYS makes sense

– IN ECONOMY – IN EASE OF DRIVING – IN COMFORT

up to $400 less

than any other full-size Station Wagon

For as little as $36, you can have a spot like this

By Ethel McCall Head

Photographs: de Gennaro

As little as 15 feet of split redwood, grape-stake fence will give you privacy. Your driveway and neighbors are completely shut out with a setup like this. You can have a terrace of flagstone or any native stone fitted on sand. In this case fieldstones were hauled in the family car from the local river. Hanging baskets and potted plants relieve bareness of house wall, fence, and terrace

Cost of Gorham terrace

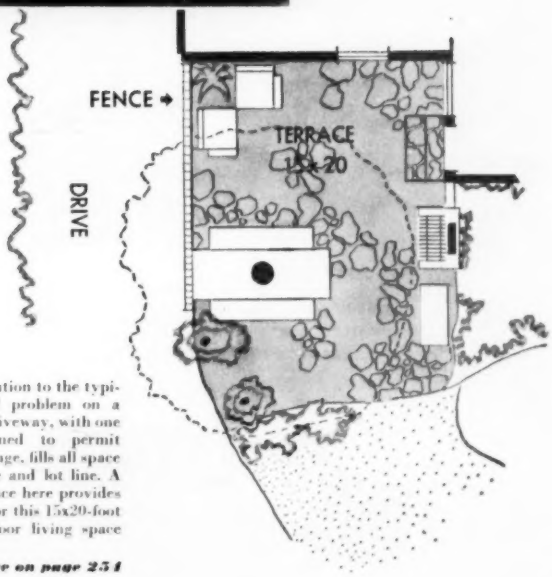
Cement and sand	$ 5.00
Homemade barbecue table	12.00
Two secondhand benches	4.00
Fence along driveway, 15 feet	15.00
	$36.00

A private outdoor spot for informal occasions—and for as little as $36. Sure, you can do it. If yours is a typical back yard with neighbors close on both sides, a garage and driveway, it will take careful planning and budgeting. But the young Marvine Gorhams of Los Angeles did it, and you can, too.

Even a short length of fence will do the job if it's properly placed. Fence out your driveway and neighboring houses. There's your privacy. Pave a piece of what you enclose with stones or materials available where you live, and build a barbecue out of the same.

You'll need a table and a couple of benches which you can either build or buy, maybe secondhand. Train some vines to cover your garage wall, and spot several planted tubs around your new terrace. And there you have it—a comfortable room outdoors to use spring, summer, and fall.

Do the work yourself—weekends or in after-work hours. That's the greatest saving on your budget.



Here's the solution to the typical back-yard problem on a narrow lot. Driveway, with one portion widened to permit swing into garage, fills all space between house and lot line. A high stake fence here provides real privacy for this 15x20-foot terraced outdoor living space

More on page 254

When *Priscilla Mullins*

became John Alden's Bride

...solid hard maple was a favorite wood of American cabinetmakers. And today, in the hands of skilled Kling craftsmen, this lovely solid wood and traditional Early American designs take on new beauty.

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Rewards or punishments?

By George E. Bryant

Mr. Bryant speaks with authority on the subject of children. Now superintendent of schools at Roslyn, New York, he has been for more than 20 years a teacher, principal, and school administrator. He has an outstanding reputation for ability, modern ideas, and complete devotion to his students. The Roslyn school system, which Mr. Bryant directs, is an excellent example of public education at its best.

"Dick! If you don't stop that this minute, I'll . . ."

"Dick! If you pick up your clothes and straighten your room, I'll give you a . . ."

If, at the end of the day you hear phrases like these echoing and re-echoing in your head, you must often wonder: Am I overdoing this business of rewards and punishments?

Discipline certainly plays an important role in our dealings with youngsters, and it is so easy to punish a child. But is it effective? And wouldn't you much prefer to remain on friendly terms with your children? After 21 years as a teacher, principal, and superintendent of schools, I'm convinced that you can accomplish far more by finding out *why* a child is behaving "badly" than by punishing him for his actions.

And I'm just as dubious about the value of insuring "goodness" through rewards as I am about the necessity for continually punishing. If you present an inducement every time you want Sally to behave, she'll expect a reward for everything she does. This is an unrealistic way of raising children—they won't be rewarded as adults merely for being law-abiding citizens. Besides, it entirely leaves out the element of giving. Children should have the experience of doing something simply because of the satisfaction they derive from being helpful.

Moreover, there are times when rewarding a child can directly produce harmful effects. I can remember a boy on our basketball team who, up to his senior year, had been a good student and a sportsmanlike athlete. During his last year, his work suddenly deteriorated to the point where his parents came to school for a conference.

It was then that the truth came out. In a most well-meaning way, Jimmy's father had promised him a dollar for every point he scored at basketball and another dollar for every game his team won. He meant well, but he couldn't have done his son a greater disservice. The result was that Jimmy neglected his studies and, in his effort to win more and more dollars, forgot everything he had learned about team play.

Of course, it would be ridiculous to condemn all rewards. All of us like, and need, some tangible approval when we achieve something exceptional or accomplish what we have worked hard at. In school, for instance, we award diplomas,

A man who's had years of experience in handling children gives us an answer to this parental problem

athletic letters, and dramatic society pins. But the greatest reward a child can earn is social approval, and when he does earn it, he should be encouraged to enjoy it.

Once, on a cross-county track meet, our boy ran second to the leader, who slipped and fell. Instead of capitalizing on his luck, Bob stopped to help his opponent up and ask if he was all right. Assured that he was, the two continued the race and Bob won. The loser was so impressed with Bob's actions that he told his coach and principal about it, and the principal wrote me a letter commending Bob for his fine sportsmanship.

I called Bob into my office to read that letter to him and then I, too, congratulated him. I told him that it meant far more to me than winning a race could ever mean.

If we rely too much on rewards in our dealings with children, we rely even more, it seems to me, on punishments. Because we don't take the time to find out why a child does an antisocial thing, we use the quick and easy method—we punish him for it. But I can remember one instance when punishing a boy for misbehaving would have been the most dreadful thing I could have done.

Paul was sent to me for staring out of the window during class. His teacher's repeated requests to pay attention provoked only surly looks and back talk. When Paul reached my office, he slumped in his chair and answered me in curt monosyllables. He muttered "punish me and get it over with," and I must say I was tempted. Fortunately, I gritted my teeth and kept on trying to discover what was wrong. When, in the course of questioning him, I asked if everything was all right at home, he broke down completely. His brother, he said, was in the hospital and not expected to live.

I immediately called the hospital—partly, I confess, to check the story, which was true. Then I asked to speak to Paul's father. I told him that I would like to drive the boy to the hospital since I felt he needed to be there and was certainly too upset to remain in school.

While this, I admit, is an extreme instance where punishment would have been bad, there are many other less dramatic ones. One obedient, well-behaved little girl I know, suddenly turned disobedient and balky.

Her parents could find no punishment which would return Polly to her "normal" state. When we tried to discover what was behind the child's actions, we learned that both her mother and father—intelligent, well-educated people with high hopes for their child—directed Polly's activity. In their aim for perfection, they were at her every minute of the day. So, when Polly rebelled, she did so completely. After showing Mr. and Mrs. Everett what they were doing to Polly, we asked them how they would feel in her place. They agreed that they would have acted just as Polly did.

Punishments may not only be a wrong approach, they may be a useless one. The child who is always being punished begins to take punishments for granted. He's going to get them anyway, so why bother to be good? The saddest part about this situation is what it does to the relationship between a child and his parents [*Turn to next page*

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For dealer's name, see Classified phone book under "Wallpaper."

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Send today for Nancy Warren's "Decorating Hints" and "The Hang of It with Wallpaper," both for 15¢.

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Arvin
Master-styled Dinettes

The beauty and good taste so richly expressed in Arvin master-styling dress up any dining space. And Arvin engineers have added unequalled convenience features!

It's all pleasure and no bother to extend your table with the unique, self-storing Arvin Miracle Leaf! . . . Trimly tapered table legs adjust readily to uneven floors . . . Mirror-smooth plastic surfaces staunchly resist stains or mars . . . Chairs combine roomy comfort with distinguished appearance.

The handsome tables come in various types and sizes, with choice of chair styles and harmonizing color combinations. They're matchless values at low prices! Arvin Industries, Inc., Columbus, Indiana. (Formerly Noblitt-Sparks Industries, Inc.)

Exclusive! Famous Arvin Miracle Leaf—disappears and stores automatically beneath table top—slips back into place at a finger touch.

Rewards or punishments?

Begins on page 232

One of the senior boys came to see me one day with the remark, "I'm in all sorts of trouble." Art's father had refused to lend him his new car. Art had taken it anyway and, of all nights, had had an accident and smashed the door. He had arranged to have the car repaired out of his own money, and now that he gotten the matter off his chest to me, wanted it to go no further.

I urged Art to tell his father, who would undoubtedly hear about it anyway, and said that if Dad weren't understanding, I would talk to him, too.

To Art's amazement, his father was wonderful about the whole thing; he even suggested that they could work out some scheme for sharing the car in the future.

"This is the first time I feel I know my father as a person," Art reported to me later. "Until now, he was just the guy who administered discipline."

Parents, who sometimes wonder how I cope with so many youngsters day after day, think I must have a "formula" for dealing with children. I wish I did have some secret formula, but since every child and every problem is different, I can suggest only one guide—and that is that all children, like all adults, want to be liked and respected by others. Social approval and disapproval, which control our adult acts, can also become potent forces in the lives of youngsters.

One of the worst juvenile delinquents I have ever dealt with was a so-called "tough kid" whose record included poor marks, antagonism toward his teachers, fights with classmates, truancy, brawls, stealing, and even more serious encounters with the police. Hauled in by the attendance officer, he was sullen and blank. I explained to him that I would much prefer to help him than to do what his record indicated—send him to an institution. Then, in private, I encouraged him to tell me every bad thing he had ever done, even crimes not entered on his record. He confided in me things I never dreamed a boy his age could do.

When he was through, I told the boy that now he could go into the halls with a clear conscience, without the fear that someone would discover a secret in his past.

"But," I added, "if you should ever do any of these things again, you will force me to take a step I would hate—and that's to have you committed. However, I also realize that you can't change overnight, and if you ever have the urge to repeat any of these actions, I want you to come and talk to me about it first."

With the help of our understanding coaches and one fine friend the boy had made, we encouraged his natural ability in athletics until he had the real respect of his teammates and classmates. The boy developed into one of the top athletes

Simple adjustment to

your size—your ease!

Arvin 9-height

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ADJUSTABLE ALL-METAL IRONING TABLE

Instant made-to-measure ironing comfort standing or sitting—whether you're tiny, tall or in between!

Easiest of all ironing tables to operate with widest range of adjustability (26" to 36") to nine different heights.

Adjusts by touch of finger as table is opened with one easy motion—or touch of foot when it's in ironing position.

Roomy, reinforced 15" x 54" top has hundreds of moisture vents . . . Durably finished in handsome Horizon Blue enamel . . . *Economy-priced!*

Send for illustrated folder B-9

ARVIN INDUSTRIES, INC.
Columbus, Indiana
(Formerly Noblitt-Sparks Industries, Inc.)

in the county. Today he holds down a responsible job in our community as a recreation director.

One of the most mistaken viewpoints, I think, is the theory that you should never cross a child. Of course there are times when you must take a strong stand and stick to it. And, of course, there are times when you should punish a child. But when you do, you should be fair, firm, constructive, and make the punishment fit the crime.

When two freshmen failed to report for make-up work three afternoons in a row, I remarked to them that it's usually lots more troublesome to correct a mistake than not to make it in the first place. I noticed that many of the students had neglected to pick up their lunch wrappings; so I sent those two youngsters out to tidy up the yard. I told them that every time they picked up a paper they might remember that they were being caused this trouble because somebody else forgot.

Too often when we deliver a punishment or a reprimand, we are tempted to embellish it with sarcasm. Yet there is no crueler weapon than to embarrass a child in front of others.

The other day I bumped into one of my former girl students, now escorting three youngsters of her own. We stopped to chat, and she recalled an incident from her school days. Once, when I was teaching, I had spotted her passing a note in class. I asked her to bring it to the desk, then put it aside and went on with the class. Afterward, I called her up and returned the note, still unread.

"You know," she told me when I met her that day, "I never again passed a note in one of your classes. If you were thoughtful enough not to embarrass me by reading a silly, schoolgirl note, even though I was in the wrong, I always felt I owed at least that much respect to you."

Another time as I was sitting at my desk during lunch hour, I saw three boys, in a typical schoolboy prank, carry the "STOP" sign from across the street and hide it in the bushes. I went out and beckoned the three in.

"I want you to know," I told them, "that I am not responsible for what goes on across the street from the school. Furthermore, I am not particularly concerned about the sign. It is just a piece of metal that can be replaced. But I am tremendously concerned with what that sign stands for. You took it from a corner where you and your classmates cross the street every day on the way to school. Without it, one of you might be killed."

The boys wanted to return the sign immediately. Since lunch hour was just about over, I suggested they wait until the crowd left.

Later an adult, who had witnessed the incident, said he hoped I had made an example of them. "I hope I did, too," I replied. "When those boys returned to class, I am sure everyone wanted to know what I had done to them. Then I imagine that the boys explained to them the significance of the sign, which was a good safety lesson for everyone. Furthermore, I think I was fair to those boys since I didn't unnecessarily embarrass them in front of their schoolmates."

One of the most frequent punishments is to deprive a child of some pleasure—"you broke a dish, so no movie." But that doesn't make sense, because the punishment bears no relation to what the child has done. Before I punish, I try to think for a minute, put myself in the child's place and ask, "How would I react to that?" "Would I think that was fair?" Then sometimes I change my mind.

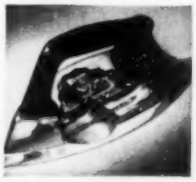
Although nowadays there is much furor about how to manage children, I still think youngsters are easier to control than adults. All this talk about the younger generation going to the dogs is just nonsense. According to every older generation, they've been doing that since the year 1000. Certainly, children can try the patience of a Job sometimes, but they are still the most wonderful people I know.

BETTER HOMES & GARDENS

"I suggest you get checked out on that thing yourself, and then graduate to the bathroom faucet."

Get the iron that's *got* to be good!

Guaranteed 5 full years BY Arvin



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1000-watt element is cast into aluminum sole plate for instant, uniform heat distribution; irons faster, irons better.

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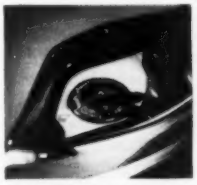

THIS AUTOMATIC CONTROL MEANS WHAT IT SAYS

Large dial shows the correct heat for any fabric; Automatic Heat Control *maintains* that heat; saves electric current; saves time.

Think of an automatic electric iron so dependably built that it can be guaranteed—not for 90 days—not for a year—but for *five full years!* A beautiful iron—packed with easy-ironing, time-saving, work-saving features that add hours to your leisure!

That's the Arvin automatic electric iron—built to bring new ease and comfort to you, every ironing day! See it at your dealer's! Arvin Industries, Inc., Columbus, Indiana. (Formerly Noblitt-Sparks Industries, Inc.) Model 2100, illustrated, $12.95

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Also makers of other Arvin Electric Housewares, TV, Radios, Car Heaters, Metal Furniture, Ironing Tables.

LIGHT, COMFORTABLE, CAREFREE FOR KEEPS

Weighs only 3 lbs.; saves you hundreds of pounds of lifting every year. Heat—not weight—does the work.

A FLAIR FOR FRILLS AND FANCY WORK

Arvin's tapered point and flared edge solve all problems of buttons, tucks, and pleats. Shaped to save work!

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Arvin's safety-locked cord is anchored for keeps, jerk-proof and secure. Has an unbreakable rubber plug, too.

Arvin

Velvet Voice Radio

TOPS FOR TONE AND COLOR

—in 6 heavenly hues

Cherry · Flame · Citron · Avocado
Pebble · Ivory

A color for every room and every decorating scheme

Arvin Model 540T **$18.95**

ARVIN brings you charming color accent to match the mood of any room . . . six gay decorator colors in the latest mode. Shatterproof cabinet, conveniently compact, but with a world of amazing radio performance that has delighted more than three million owners! Perfect for owning or giving!

This is an ideal Arvin radio for the away-from-home student, the traveler, the hospital patient. Tucks easily in a suitcase, fits any nook or corner.

Make this Arvin the personal radio for your small fry, for Mother's bedside table, for Dad's workshop or den. Backed by Arvin's 32-year reputation for building high quality and giving top value. Arvin Industries, Inc., Columbus, Indiana, (Formerly Noblitt-Sparks Industries, Inc.)

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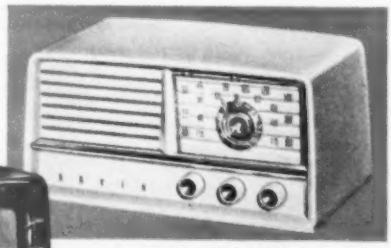
Superb Performance in a Modernistic Styling

Arvin Model 553T (below) is a new achievement in range and tone, housed in handsome rosewood plastic with sweep pointer of touch-o-gold richness. New, improved AC/DC superhet circuit, Arvin Velvet Voice tone and Magna-Bass amplifier. Give it to someone you love! **$24.95**



Outstanding FM/AM Performance

Arvin Model 580TFM (above) in Rosewood, Sandalwood, Willow Green or Ivory, combines all the static-free, tone-true beauty of FM with super-power to reach out for your favorite AM programs. Straight AC operation. **$59.95**

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Would you have dared

By Jessie Walker

"Dare" probably isn't the right word, although it's the one the Kenneth Hesses use. They bought a piece of farmland near Wayne, Illinois, complete with farmhouse, intending to tear down the house and build a country home. "But," explains Ken Hess, "it would have cost so much to get rid of it that we knew it would have to stay, ugly as it was."

"Ugly" *is* the right word. The 75-year-old building had suffered all kinds of abuse, including a fire. Its last occupant, a retired mason, had literally coated it with concrete. It was this house that the Hesses asked Architect Ames Ross to make disappear without removing.

His remodeling work hinged on five thoughts:

1. Improve the plan. Entrance door was moved from front to side, which made it logical to combine a bedroom and two parlors into a bright, L-shaped living-dining room. The bedroom lost by this amalgamation was added with dressing room and bathroom behind a two-car garage converted from a barn. New kitchen equipment and a bathroom upstairs completed basic changes.

2. Let in more light. As in most old houses, windows were tall and too narrow to let in much light. A pleasant bay in the living room and a dormer window in each bedroom brought brightness out of gloom.

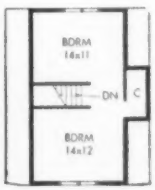
3. Dramatize the front entrance. Sheltering the new entrance door is a small stoop. To lead from driveway to door, the Hesses built a three-level, lannon-stone terrace. The informal garden planted along the walk brings your eyes—and your steps—directly to the door.

4. Provide for summer comfort. While the Hesses had plenty of land and privacy, they needed a place to sit outside in summer, free from insects. A large screened porch was the answer.

5. Cover worn floorboards. Flooring was so worn that painting would have been useless, and dust-catching cracks were numerous. The problem was solved by covering existing floors with 3/8-inch plywood sawed into 12-inch planks, their edges beveled to simulate V-joints.

All of which proves that remodeling courage pays off!

Walls were removed and rooms added to



Second floor—before

First floor—before

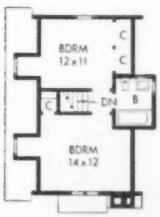
to remodel it?

Before remodeling. The old farmhouse wore the ugliness of 75 years of abuse, including a fire

Photographs: Suter, Hedrich-Blessing

Dramatize the front entrance. An informally planted, three-level terrace leads from drive to relocated front door which is sheltered by new stoop

make a better house



Second floor—after

First floor—after

More photographs on next page

Brings every station closer

makes every picture clearer!

Arvin's finest table model, in limed oak or imported mahogany veneer. 21-inch Perma-Focus picture, Dual Power Custom Chassis. Matching table available, with revolving top (Model 5211TM or 5211TB)

Arvin TV

Visible Value VV *You can see the difference!*

BIG, clear 17, 20 or 21-inch pictures—superb tone—beautifully styled cabinets of selected woods—Arvin offers everything you want in your new, larger TV!

Arvin's mighty Dual Power Custom Chassis (26 tubes including rectifiers and picture tube) has a range so great that a special control is provided to reduce signal strength of nearby stations!

Arvin controls automatically maintain the brightness and contrast you want, repel "airplane flutter" and most types of electronic interference.

Arvin TV sets convert easily to UHF and color. Screen sizes from 8½ to 21 inches. Prices from $129.95, plus tax and warranty. See Arvin, and you'll see the difference! Arvin Industries, Inc., Columbus, Indiana. (Formerly Noblitt-Sparks Industries, Inc.)

In your choice of blond or mahogany finish with two-thirds doors, this console's distinguished styling is at home anywhere. 17-inch Perma-Focus picture, all famous Arvin features. (Model 5172CM or 5172CB)

Arvin also makes Radios, Electric Housewares, Car Heaters, Metal Furniture and Ironing Tables.

4 words that tell you your best washer buy

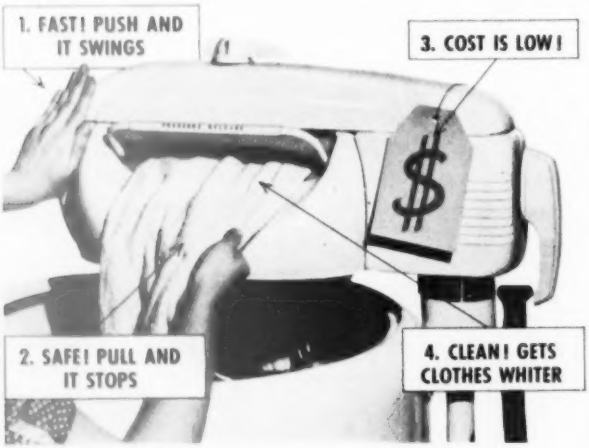
(Can you tell what they are by reading her lips?)

1. No waiting for a long wash-rinse cycle with wringer-washers. And a quick push swings the new Lovell wringer into position. The word? FAST!

2. The new Lovell *Instinctive* wringer stops instantly just from your instinctive pull on the article going through. The word is SAFE!

3. Lovell equipped washers cost less to buy. And you save on hot water, soap, electricity and repair bills. The word, of course, is COST!

4. The Pressure Cleansing action of a Lovell wringer gently squeezes out dirt that would normally remain in the clothes. The word—CLEAN!



One of the new *Instinctive* model Lovell wringers

Lovell

PRESSURE CLEANSING WRINGERS

Lovell Mfg. Co., Erie, Pa.

P. S. You get your wash done quickest with a wringer-washer and an automatic dryer . . . and the combination costs less than you think!

Would you have dared to remodel it?

Begins on page 236

Let in more light. Living-room bay, above, and new dormers in upstairs bedrooms let sunlight into corners that never had sun before

Provide for summer comfort. Screened porch, placed so roof doesn't block ventilation of upstairs rooms, gives insect-free living space

Cover existing floorboards. Plywood strips, stained and rubbed to eliminate the plywood look, cover old flooring

DELCO-HEAT CONDITIONAIR GIVES LOW-COST HEAT TO OHIO RANCH HOME

"We feel that our home is very well planned," writes August Stump of Dayton, Ohio. "And we're especially pleased with our Delco-Heat Conditionair. We always look forward to winter without any worries because we're sure of clean, even heat and low fuel costs—thanks to our Conditionair."

If it costs you a lot to heat your home—or if you never feel quite comfortable—then investigate a Delco-Heat unit. It will give you completely *automatic* heat, at the lowest cost for installation, fuel and service. The Jenny Service Co., Dayton, installed Mr. Stump's unit.

Delco-Heat Conditionair—with exclusive "Rotopower" Oil Burner—automatically heats, cleans, humidifies and circulates the air in your home. For automatic gas or oil heat, see your nearest Delco-Heat Retail Distributor.

FREE—Write for literature on automatic Delco-Heat. Address Dept. BHG-51, Delco Appliance Division, General Motors Corp., Rochester 1, New York.

Read what other Delco-Heat users have to say — see pages 264, 193

STRIPS PAINT

and all finishes

CLEAN, QUICK, EASY

IT'S ORANGE!

The GUARANTEED Finish Remover

One coat usually lifts off all paint, varnish, and synthetic finishes. Stays wet longer. Semi-paste—will not run or drip: needs no after-wash. Harmless to hands or surface. Pint does a large table. Sold where you buy paints.

Write for FREE CIRCULAR

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Give Better Homes & Gardens, and your friends will be reminded of your thoughtfulness each month throughout the year.

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WITH EXCITING *New* CHRISTMAS CARDS

AMAZING EASY WAY

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Mail coupon for Samples

WALLACE BROWN, Inc., 225 Fifth Av., Dept. C-94, New York 10

C-94
NAME
ADDRESS
CITY STATE

Garden Clinic

Downspout erosion cure

Q I have the problem of how to divert rain water from the downspout from our house foundation. What's a quick, inexpensive way to do it?
B. D. F., Pennsylvania

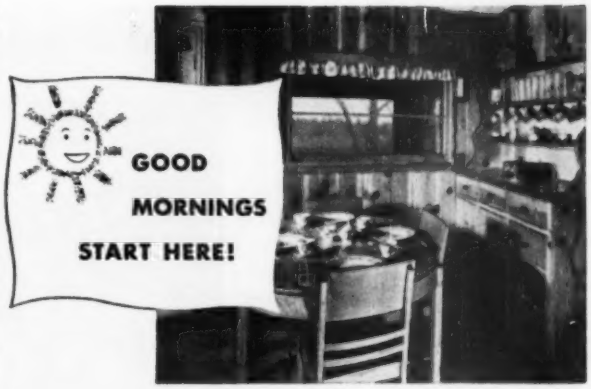
Use three or four 6-inch x 2-foot sections of split tile. Tile already split is available at tile yards, and lasts indefinitely. Dig a furrow with your shovel to fit the rounded bottom of the tile. You can lay the tile end to end under the downspout, flush with the foundation, in a minute. Be sure bottom of each section rests firmly on soil. Slope soil up to tile edges from both sides.

Water speeds growth

Q I'd like a young tree by our curbing to get big as quickly as possible. Is there anything I can do to make it grow faster?
S. V. L., Kentucky

Photographs: Stanley

The best thing to do is to keep it well watered and fed. Be sure the plant food is applied under the spread of the branches—most of the feeding roots are in this area. Your grass will benefit as well as the tree, and you will have to mow oftener. Keep a circle bare around the trunk of the tree, and keep it edged sharply. Then you will not get close enough to the trunk with the mower to hit the bark.



This cheerful kitchen-breakfast room glows with the sunny charm of its Western Pine walls and woodwork. And how wonderful to know that this is *lifetime loveliness!* For the fine-grained, soft-textured woods of the Western Pines* are not only beautiful but long-lasting—and so easy to work. Painted, stained, enameled, or left natural, then waxed and rubbed to a satiny finish, they adapt themselves to any décor.

Whether you are building or remodeling, your retail lumber man will approve your decision to build in charm, *all through the house*, with the Western Pines*.

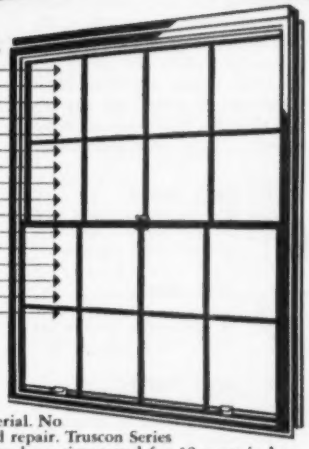
THESE ARE THE WESTERN PINES
* IDAHO WHITE PINE
* PONDEROSA PINE
* SUGAR PINE

YOURS FOR A PENNY POSTCARD

Send today for your FREE copy of "ENCHANTING HOMES OF WESTERN PINES." *71 illustrations, scores of helpful decorating hints. Write* WESTERN PINE ASSOCIATION, Dept. 404-G, Yeon Bldg., Portland 4, Oregon.

A feature in every square inch

TRUSCON Series 138 DOUBLE-HUNG STEEL WINDOWS



● Take time to compare the great number of features you get in Truscon Double-Hung Steel Windows, with the handicaps you must face in windows of less permanent material. No constant maintenance, fitting and repair. Truscon Series 138 Double-Hung Windows have been time-tested for 12 years in hundreds of thousands of installations. They will last as long as your home.

See your local building supply dealer, your building contractor, or send coupon for FREE literature on Truscon Series 138 Double-Hung Steel Windows.

TRUSCON STEEL COMPANY, 1315A Albert Street, Youngstown 1, Ohio
Sales Offices, Warehouses and Dealers in all Principal Cities • Subsidiary of Republic Steel Corporation

TRUSCON STEEL COMPANY, 1315A Albert Street, Youngstown 1, Ohio
Please send me free illustrated literature on all the features and special advantages of Truscon Residential Steel Windows and Steel Doors.

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Address .....
City ..... *State* .....

You get them all from faucets with a

SPRING-FLO AERATOR

The Spring-Flo Aerator gives you healthful, tastier, oxygen-enriched water full of millions of tiny, quickly disappearing bubbles. It makes cloudy water crystal-clear. And – this bubbly stream means more suds from less soap . . . speedier washing and rinsing . . . a non-splash stream. **The Spring-Flo is available with the lavatory and sink faucets of all leading faucet manufacturers.** Ask your plumber about them today.

SAVES MONEY
High velocity stream is bubble-filled. Result – more suds than ever from any soap.

SAVES TIME
Less water works harder. Bubbly stream gives quicker and easier washing and rinsing.

SAVES TEMPERS
Bubbles cushion impact. Stream clings to surface instead of splashing.

SPRING-FLO® AERATOR

A CHASE PRODUCT CHASE

The greatest thing in faucets

CHASE BRASS & COPPER CO.

Best small workshop we've seen!

Begins on page 74

A flameproofed shower curtain hung in the corner creates a spray booth. The curtain is cut out to fit closely around exhaust fan. Air for sprayer comes from compressor unit that's located beneath lathe at the left

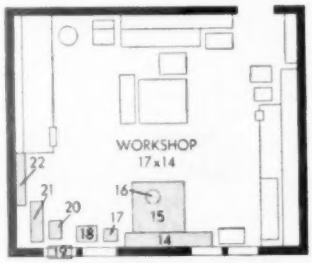
How to flameproof fabric

For safety in paint-spraying operation, the protecting curtain should be fireproofed. Here's how:

To 100 ounces of water, add and dissolve 6 ounces of borax and 5 ounces of boric acid. Thoroughly soak fabric to be flameproofed in the warm solution, then dry. Repeat with two or three applications after drying in order to get maximum protection.

In ironing the fabric after flameproofing, be careful to avoid discoloration.

The flameproofing solution is water soluble. You can remove it from the fabric by washing, which means reimpregnating it for further protection.



14. Wood-turning lathe
15. Demountable worktable
16. Spraying stool
17. Sink and water supply
18. Storage cabinet
19. Discharge fan
20. Portable shaper
21. Scroll saw
22. Portable power tools

Note how snugly curtain fits around exhaust fan, protects equipment. With fan turned on, there is virtually no trace of spray dust or paint odor in the shop

Removal of curtain exposes sink, scroll saw, portable power tools. Fire extinguisher (at left in both pictures) is quickly available from any point. Rubber mats on floor provide comfort, and they cushion falling tools

More on page 212

Take it Easy!...get Self-insulating windows

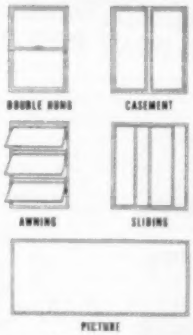
Whatever type of window you choose for your new home—double hung, casement, awning, picture window or any style—it's good economy to insulate every window *right from the start.*

You'll find window insulation pays off year after year—in extra comfort both winter *and* summer. It makes floor space near windows more usable in cold weather. It saves fuel. And it minimizes steam and frost on your windows.

The easiest way to insulate your windows is with *Thermopane** insulating glass. *Thermopane* is double glass—two panes with dry air hermetically sealed between them. It can be built right into your windows when your house is constructed. Your window insulation job is done once and for all. No storm sash to bother with—no fitting, extra painting, ladder climbing, extra washing or storing. Self-insulating windows with double glass open and close just like windows with single glass.

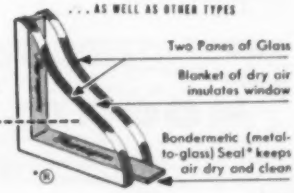
Thermopane is made in more than 80 standard sizes, as well as special sizes. Sash for *Thermopane* are made in the types shown at the right—either wood or metal. Your L·O·F Distributor can furnish full information. Or write to Libbey·Owens·Ford.

ALL TYPES OF WINDOWS CAN BE SELF-INSULATED WITH *THERMOPANE*



LOF GLASS **Thermopane** LOOK FOR THE NAME ON THE SEAL BETWEEN THE PANES

FOR BETTER VISION SPECIFY THERMOPANE MADE WITH POLISHED PLATE GLASS



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Don't pay several hundred dollars more than necessary when you build a home! Buy direct from our mill at our low factory price. We ship you the lumber cut-to-fit, ready to erect. Paint, glass, hardware, nails, etc., all included in the price—no extra charges. Plans furnished—also complete building instructions. No wonder our customers write us that we saved them 30% to 40%. Architecturally approved construction. (Not built in sections.)

Visit a Liberty Home!

Many thousands of Liberty Homes have been built in all parts of the country. There is one near you that you can visit and inspect. Write us and we will give you its location.

Handsome Big CATALOGUE

Pictures wonderful homes in colors at money-saving prices. Designs to suit everyone. Send 25c for catalogue today.

BIG BOOK of House Plans in Colors 25¢

LEWIS MANUFACTURING CO. 219 LAFAYETTE BAY CITY, MICH.

GUARDS HANDS from dirt, grime, paint

—the hand cream that acts like an invisible glove!

Rub on before you start work

Wash off afterwards

Before you paint or start a dirty job in the house, garden or garage, rub Du Pont PRO-TEK on your hands and arms. It guards the skin against stains . . . washes off quickly when the job's done, taking the grime with it. On sale at drug, hardware and auto supply stores.

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Better Things for Better Living . . . Through Chemistry

DON'T TAKE CHANCES

Hang valuable pictures, mirrors, wall decorations safely with

MOORE PICTURE HANGERS (for 10-100 lb. objects)

Use MOORE PUSH-PINS for lighter wall decorations.

Each 10¢ in packet at hardware dept. and stationery stores

MOORE PUSH-PIN CO. Chicago

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Quantity Prices on Group Orders

WRITE FOR CATALOG 221

Manufactured by THE Monroe COMPANY 34 CHURCH STREET COLFAX, IOWA

HOME REPAIR TIP NO. 14

SEAL SINK TRAP JOINTS with a half-lapped layer of "SCOTCH" Brand No. 33 Electrical Tape. Plastic backing stretches to conform to any surface. Sticks tight at a touch. UL seal for wiring, too. 39¢ at your hardware store.

CHRISTMAS CARDS and profits!

You will find selling easy and profits big with our all-new line of Christmas assortments. Two De Luxe 21-folder boxes, Christmas Petals, Christmas Tree Jewels, the superb "Silent Night" box and the famous religious "Sunshine Line" in a money-making combination. Write for catalog. Sample assortments on approval.

TRIUMPHANT ART PUBLISHERS Dept. C136 ANDERSON, INDIANA or SAN JOSE 6, CALIFORNIA

Well-dressed windows contribute to the beauty of your home, enhance its privacy. Valuable ideas and how-to instructions are yours in the illustrated booklet, "Well-Dressed Windows," 25 cents, from 8709 Meredith Building, Des Moines 3, Iowa

Best small workshop we've seen!

Continued from page 240

Finishing supplies. As you face the entrance door, you still get an eyeful. Closed door reveals shelves of finishing supplies kept in orderly arrangement. This location for combustible liquids has most uniform temperature; is not close to heating pipes. Shop coats on door are out of the way. At left is a belt sander. Rubber-blade fan above provides circulation of air through shop. Note trash box by bench

Little Joe

Whistle, oh, whistle for Little Joe—
Wherever he is he'll come, you know,
And happily at your heels he'll trot
Over the snowy pasture lot,
Through the dark stand of raggedy pines;
With quick, excited sniffs and whines
He'll circle each clump of brush you pass,
Pawing a patch of frozen grass,
Flushing some leaves that *could* be quail,
Or a boulder crouched like a cottontail.

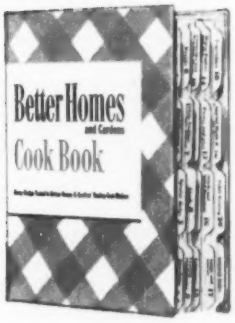
Whistle, ah, whistle for Little Joe.
He was your shadow—long ago!—
Before he pricked up a grizzled ear
At a summons so shrill you couldn't hear,
And now when you cross the pasture lot
In the winter dusk, he'll silently trot
Behind you, scampering in the gloom,
Stalking a twig like a squirrel's plume.
Though only your footsteps mark the snow,
Through meadow and woodland, high and low,
Little Joe trails you still. You know.

—*Ethel Jacobson*

$4000.00

RECIPE CONTEST

Celebrating the sale of the 4 MILLIONTH *Better Homes & Gardens* Cook Book



Send in your favorite recipe. Tell in 50 words or less why you like the *Better Homes & Gardens* Cook Book

This is a contest *you* can win! Take that recipe the family raves about—maybe it's a luscious chocolate cake or your special way of making meat loaf; whatever it is, write it down. Then, tell in 50 words or less why you like the *Better Homes & Gardens* Cook Book. If you don't have a copy, get one today. It's easy to explain why you like this miracle cook book. Think of how it cuts down your grocery bill, how it saves time and work in the kitchen, how it helps you serve your family better meals.

Get ready to enter *Better Homes & Gardens* $4,000 Recipe Contest right now. Aim at that $1,000 first prize or one of 67 other big cash awards. Enter as many times as you like. Just follow the simple rules at right.

68 BIG CASH PRIZES

1st prize.....$1,000
2nd prize.....$500
3rd prize.....$250

10 prizes of $100 — 20 prizes of $25
10 prizes of $ 50 — 25 prizes of $10

Here are some tips to help you win:

A few of the reasons why more homemakers use the *Better Homes & Gardens* Cook Book than any other! You'll prefer it, too!

- ★ *every recipe triple-tested for perfect results*
- ★ *illustrated short cuts save the homemakers time*
- ★ *step-by-step pictures show how to do it*
- ★ *how to cook economically for two*
- ★ *meal-planning guides*
- ★ *chapters tab-indexed for convenience*
- ★ *washable cover*
- ★ *ring binder makes it easy to add to*
- ★ *how to make leftovers delicious "made-overs"*
- ★ *food freezing and canning information*
- ★ *how to make food taste good, look good*
- ★ *ideas for thriftier meals*

You can get the newest edition of the Better Homes & Gardens *Cook Book wherever books are sold. Your bookseller has contest rules and entry blanks, too. Cook Books also available direct from* Better Homes & Gardens, *Des Moines, Iowa. Only $2.95, postpaid.* (*Canada, $3.50.*)

SIMPLE CONTEST RULES

1. Write one of your favorite original recipes on a plain sheet of paper, using only one side of the sheet. Be sure to give exact measurements and complete instructions so that the recipe may be tested in the judging. Please classify your entry according to the chapter tab on the *Better Homes & Gardens* Cook Book under which you think it falls.

   On the back side of the sheet on which you write your recipe, complete this statement in 50 words or less: "I like the *Better Homes & Gardens* Cook Book because . . ."

   Be sure to print your name and address plainly on your entry. You may enter as many times as you wish.

2. Mail your entry to Recipe Contest, *Better Homes & Gardens*, Des Moines 3, Iowa. No entry blank, coupon, premium is required.

3. All entries must be mailed during the period of August 24 through October 31, 1951, and postmarked not later than midnight of October 31, 1951.

4. Entries will be judged on the basis of originality, merit, and clearness of presentation. Decisions of the judges will be final. Duplicate prizes will be awarded in the event of ties. No entries will be returned, and all entries and ideas therein become the property of the Meredith Publishing Company and may be published without obligation. This contest is subject to state and federal regulations.

5. The grand contest prize is $1,000 in cash, for the best entry as described above in paragraph 4. Other prizes are: 2nd prize—$500, 3rd prize—$250, 10 prizes of $100 each, 10 prizes of $50 each, 20 prizes of $25 each, and 25 prizes of $10 each. The total amount of prizes to be awarded is $4,000.

6. Any resident of the United States or Canada may enter the contest, except employees of the Meredith Publishing Company, its advertising agencies, and their families.

7. Winners will be notified by mail within approximately one month after the close of the contest. A list of winners may be obtained by sending a stamped self-addressed envelope to the contest address one month after the close of the contest.

Send your entry to RECIPE CONTEST Better Homes & Gardens, Des Moines 3, Iowa

"I've learned I can have Summertime Comfort in Winter"

"It took the War years — when Bill and I lived in 15 places all over the country — to teach me how important Winter Comfort can be. Of them all, we kept *warm* in only 3. I remember how cozy our little Detroit house was—even in mid-Winter—thanks to a good floor furnace . . . and how we kept wonderfully warm through a Minnesota January with a simple, efficient home heater. *One* house in Montana—had a *good* oil burner. What a difference *that* made in comfort and fuel economy!

"But it wasn't until we were planning our own home—and our architect loaned us his copy of "How to Have Comfort from Moving Air"—that I got the *year-round* story. You just can't beat this book—it tells you everything you need to know about both Summer and Winter *comfort!*"

Right you are, Lady! To learn about true comfort, *send for this book*. To obtain your money's worth in comfort when you buy air-moving equipment, look for the Torrington *Vairified* Tag. It's your guarantee that the air impeller, a most important part, will perform quietly, efficiently, properly.

LOOK FOR THIS TAG

WHEN YOU BUY

FLOOR FURNACES

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And All Other Modern Air Moving Equipment

Get this 180 page Book

Send Only 10¢ to Cover Handling

THE TORRINGTON MANUFACTURING COMPANY
Box 8088 Torrington, Connecticut

Please send me "How to Have Comfort from Moving Air". I enclose 10¢ for handling charges.

NAME _____

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CITY _____ ZONE _____ STATE _____

Clean as a whistle

Hunter, are designing nothing but this type of house—with straight, clean lines that form surfaces easily repainted, restained, repaired, or washed. Though they practice in somewhat conservative Hanover, New Hampshire, the Hunters have all the work they can handle.

In most respects the James Cusicks are typical of the families who, having lived in a Modern house, would live in no other kind. The money they had to put into a new home had to go a long way, and they found it went furthest in a low, one-story, basementless house.

They found they could have large glass areas as easily as small-paned windows, and could enjoy the dual advantages of a long view without adding to heating bills. They found they could build into their house enough bulk storage space so that a basement became an unnecessary extra. And they had the many posessions that an active family always acquire, too. They found that smooth, unbroken wall surfaces were restful to live with and little trouble to care for.

Where the Cusicks *aren't* typical is that they own no car, and only their daughter has a bicycle. They walk everywhere, and they like walking so much that their lacking a car is no hardship. Their interests are at home—in a home that provides for all their activities and leaves them extra time to pursue what they *want* to do rather than what they *have* to do about the house.

Work space is divided into three parts. The main kitchen area is U-shaped, with the sink off-center under the picture window. Laundry is at right. Did you notice that all surfaces everywhere are smooth, making home maintenance a matter of minutes rather than hours?

Begins on page 184

Third work area is what the Cusicks call their "craft room." Separated from traffic by a low storage counter, the area is for sewing, wood carving, and other manual activities, but it can also double as pantry when more counter space is needed for preparing meals

Bedroom wing can be shut off from the rest of the house by this 4x8-foot sliding door. Door hangs from a track embedded in ceiling. Note that wall switch (left) is conveniently located at the same height as door pull, at natural hand level. Floors are asphalt tile

More on next page

You can't beat the

IRON FIREMAN Radiant Fire

for low-cost heating comfort

Secret of the outstanding performance and fuel economy of all Iron Fireman heating units is the *radiant fire*. This radiant fire throws off highly efficient *radiant heat* which strikes and penetrates interior furnace and boiler walls. Radiant heat goes directly into your heating system, and not up the chimney with the combustion gases. Combined with the exclusive Iron Fireman Syncrostat control system, these units give you the finest in home heating at low operating cost.

GAS FIRED FURNACE

with GAS

GAS CONVERSION BURNER

To convert the non-radiant blue gas flame to radiant heat the Iron Fireman Radiant gas burner uses the same principle as the gas mantle. The gas flame is surrounded by light-weight porous refractory which heats up quickly to a glowing radiance.

GAS BOILER

with OIL

OIL FIRED FURNACE

In the Iron Fireman Radiant Vortex oil burner the whirling bowl-shaped flame spreads out over a heat reflecting hearth and sweeps the sidewalls of the firebox. *All* of its radiant heat is applied *directly* to the primary heating surfaces, which reach a high operating temperature very quickly.

VORTEX OIL BURNER

with COAL

COAL-FLOW STOKER

In the Iron Fireman stoker the coal is fed from below, with the brilliant, radiant, burning coals always on top of the fuel bed. Coal-Flow model feeds direct from bin to fire—no coal handling. Hopper model has large coal storage capacity. Automatic furnace and boiler units (the ultimate in automatic coal firing) have built-in Coal-Flow stokers, full thermostatic control.

HOPPER STOKER

IRON FIREMAN

OIL-GAS-COAL *heating*

Ask for 16-page booklet, **"The Magic of the Radiant Fire,"** sent free. Use coupon. Iron Fireman Mfg. Co., 3116 W. 106th St., Cleveland 11, Ohio. Other plants: Portland, Oregon; Toronto, Ontario. Dealers everywhere. Iron Fireman equipment sold in Canada is built in Canada.

Name _____

Address _____

City _____ *State* _____

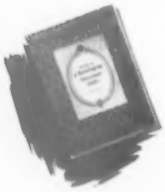
The Dutch Spirit and Puritan England Marched Side by Side in *Cherry Valley*

This splat-backed bench in cherry with traditional pine seat merges the style influences of two centuries of American life in a distinctive style known as *Stickley American*. Mirror (17½" x 37") with a copy of Currier & Ives etching.

Patroon, puritan, gentleman adventurer, frontiersman, farmer and financier . . . each wrote his life history and left his imprint along New York State's historic "pathway of empire" . . . the Cherry Valley turnpike.

Out of this great diversity of cultures and interests, sprang a virile and regional furniture style. Marked by simplicity, primarily for use with no clutter of things that didn't belong, it clung with an appreciative eye to basic principles of beauty.

Leopold Stickley, famed Valley cabinet maker, has taken this regional style and its famous fruitwood, shaping both to the changing needs of the times. Today *Stickley American* furniture is as distinctive in its own design as the style influences which gave it birth. Possessing their utility, grace and honesty of craftsmanship, it has the muted gleam of a finish that cannot be mass produced, a hint of the rich patina that will develop over the years.



Read "A Developing Furniture Style". . . the fascinating story of American furniture development from the pilgrim century down to today. 52 pages, 49 illustrations. By postpaid mail, $1.

Introductory Cherrywood Piece—"Little Heirloom" foot stool, with container of Stickley Furniture Dressing especially developed for Stickley finish and suitable for all makes of furniture, $6.50 postpaid. L.&J.G. Stickley, Inc., Fayetteville, N. Y.

Cherry Valley workshops of

STICKLEY

OF FAYETTEVILLE, N. Y.

Clean as a whistle

Continued from preceding page

Fifteen-foot-long closet in bedroom hall holds practically everything. Floor tracks are raised a few inches to keep closet floors clean. Top tracks are hidden by slightly dropped hall ceiling. Rubber snubbers keep doors from banging into jambs and into each other

AVERAGE GRADES

BELOW-AVERAGE GRADES

HONOR STUDENT

When sunshine floods the room through your picture window, or beats against drawn draperies, your costly furnishings are being ruined right before your eyes! All year long, *sunburn* fades and rots fabrics and rugs, spoils wood finishes—but now there's a way to stop it. Now you can have an extra wide **CLOTH** window shade tailor-made for any picture window up to 150 inches in width. Mounted on a slim aluminum roller, out of sight when not in use, that **CLOTH** window shade will shield your possessions from *sunburn* damage year after year, save you grief and money.

Valuable book free! Plain facts about window shade quality, with *actual samples* comparing **CLOTH** and cheap substitutes. Write Joanna Western Mills, Dept. G, 1351 Merchandise Mart, Chicago 54.

JOANNA WESTERN MILLS CO. · CHICAGO

WHEN YOU'RE 70...

YOU'LL STILL BE USING THE NICHOLS NEVER-STAIN

ALUMINUM CLOTHESLINE

YOU BOUGHT AT 25

IT LASTS A LIFETIME!

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COMMENDED PARENTS MAGAZINE

Guaranteed by Good Housekeeping

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DAVENPORT, IOWA

Is your youngster late?

Begins on page 206

he's been in the water a whole hour. Even 15-year-old Mary Lou does a double-take when the clock strikes 11 and she knows she's due home from the party.

At certain stages of development, children's play and imaginative life can stretch that elastic inward time almost beyond our grown-up power to believe. When it is one of the causes of habitual tardiness, it can be controlled, eventually, by directly practical means.

If your child is regularly late for school, look for simple reasons first. Does he start out early enough? Does he get up early enough? Is the routine for washing, dressing, eating breakfast, collecting books, and putting on outdoor clothes well organized?

If your child oversleeps, is hard to waken, drowsy, or irritable in the morning, perhaps you had better look at his bedtime. He may need to go to bed an hour or an hour and a half earlier. Or it may be that he goes to bed in time, but doesn't go to sleep for some time. What does he do just before bedtime? Six-year-old Teddy had to be weaned from radio melodrama in the evening to a quiet half-hour of talk or reading with his mother. And, on doctor's orders, hard-playing 10-year-old Ellen lies down now for an hour's rest (not sleep) before dinner. Both children sleep better and wake earlier and brighter than they used to.

Perhaps you have a morning bottleneck in your bathroom that is causing tardiness. If so, traffic regulation is in order! First, see that only essential activities take place there. For instance, Mary Lou can apply make-up in her own room. Then establish priorities, time limits, and a routine.

It's nice to have the family sit down together for breakfast—but it's not always practical. If Mary Lou has to be at school a half-hour earlier than Susie and Don, let her eat and go.

If Don's books and papers are scattered and hard to find in the morning, make it part of his bedtime routine to put them together.

When heavy outdoor clothes become necessary, the whole schedule should be moved 10 minutes ahead to allow time for weatherproofing.

Susie's galoshes and mittens are often parted; her cap and scarf are always disappearing. Susie needs a place of her own in the coat closet, with a "no-trespassing" sign.

Perhaps your home routine runs like clockwork, and still your child is always 5 or 10 minutes late for school. You've walked the distance with him a few times, and you think you know how long it should take him. Let's consider this matter of *distance*.

Jimmy, 6, has eight long city blocks to walk. When you've gone together, it's taken between 20 and 25 minutes. So you start him out at 25 minutes to 9. But when you

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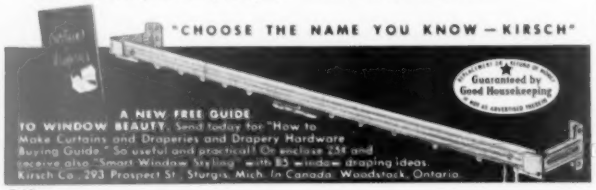

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Is your youngster late?

Continued from preceding page

walked with him, you kept up a brisk, steady pace. Jimmy was panting a little at the end, but that didn't seem important. It *is* important, though, because when Jimmy's on his own, he naturally slows down rather than run himself out of breath. He may not realize that Jimmy needs another 5 or 10 minutes, or, if he's very small and finds walking tiring, a ride at least part of the way.

Extra time for the walk may not be enough. In bitter weather, he may get so cold that he will stop in stores along the way to warm up. If there are several children in your neighborhood with this problem, the parents might form a car pool. Or if a busline runs near the school, even kindergarten children can learn to use it.

But perhaps weather, clothing, or rate of walking present no problems, and yet your child is late every day. Take Jane, for instance. She's 9, and goes three blocks to school. It might be three miles. Why? She walks with Virginia, and they have so much to talk about! Their mothers tried separation, but that was useless. A penalty, proposed by Jane herself, is operating with some success: if they are late they may not play after school.

Rosemary, 8, walks to school alone. She starts in good time, and hasn't far to go—along the *street*, that is. It's her imagination that piles up mileage; you could measure her inward time in light-years.

Oddly enough, only a year ago, she was *anxious* not to be late to school. What has happened? Only what happens to everyone. She has been rearranging her stock of experience and knowledge to make room for more. The time-school relationship has been pushed aside for a while.

Patience and understanding from parents and teachers will help Rosemary through this adjustment. Too much scolding might drive her into her imagination as a *refuge*. Now it is only new country to explore, and may have resources which will enrich her whole life.

Smaller children often play games on their way to school, stop to watch a new house going up, romp with a friendly dog. Speed them on their way with the assurance that they can play on the way home. Having father or teacher give the pep talk sometimes helps.

Is your child late after lunch? Here again distance is a factor. I feel that a child who must spend more than half his lunch hour walking to and from home ought to take his lunch to school or buy it there. He needs time to get ready for lunch comfortably, to eat a nourishing meal without haste, and to relax briefly before he starts afternoon classes. He should be able to make the return trip without running and without a sense of hurry.

Hot soup, bulky raw vegetables take time to eat. If your child's time at home is short, make serv-

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ings of these foods small. You can make them bigger at other meals.

Some children, under 7 especially, may be late for afternoon school simply because they are too tired. Possibly they should stay at home in the afternoon. Your doctor can tell you.

But the reasons for tardiness are not always as simple as those suggested above. Your child may be late for school because he wants to be. He may not know that he wants to. Or he may not know why.

If he "putters"—becomes absorbed in some unnecessary activity—or allows himself to be baffled by small difficulties, he may be showing reluctance to arrive at school. This is an S.O.S. The rescue squad—parents, teacher, and doctor—must work together.

Sometimes the trouble can be traced to defects of sight, hearing, or general health. Charles, for example, who always "couldn't find" his clothes in the morning, was found to have partially lost his hearing. As a result school was becoming difficult and distasteful.

Sometimes a method of teaching is wrong for a particular child. Jean, who puttered, had reached 2A without learning to read. A child who has changed schools or come from another city may find teaching methods and even the names of things different and bewildering, and so may hate school.

Joe dislikes his teacher because she nags him. He makes himself and his gang late every day in order to free himself from a certain amount of time in her company and to "get back" at her. Joe is intelligent and a leader. His friends admire him for his physical courage and his biting wit. His teacher is exasperated because he will not use his perfectly good brain on his schoolwork. Her scoldings only deepen his dislike and contempt. Joe's mother has given up. Joe's dad won't interfere. He gets along fine without education, and he never did like women. Help for Joe will have to come from outside.

A youngster is inexperienced, the teacher often overexperienced. Each jumps to wrong conclusions about the other. The conscientious parent may find herself in the role of diplomatic emissary—which is, after all, better than being a buffer state. There's no substitute for a firsthand knowledge of your child's teacher. You may often have to explain them to each other.

He may be at odds with his class. Twelve-year-old Jack (mentioned at the beginning of this article), who couldn't get across the street in time for school, hadn't realized, until a shrewd question from the principal told him, that he was puttering in order not to have to hang around the playground before classes. His family had moved during the summer. He'd left his old gang halfway across town at a different school. When he telephoned them, they all seemed to be having a wonderful time without him. The kids here were having a wonderful time without him, too. For the first time in his life, Jack was lonely.

The small child may be held back by fear of something he meets on his way to school. If he has to cross heavy traffic, or pass a house where there is a barking dog, or if, halfway, he meets somebody who pushes him around, he may either slow up on the way or hesitate at home. You can usually help him out.

Many, many cases of tardiness—more than you might believe—stem directly from home situations. "Something wrong" at home may withdraw some or all of the attention your child needs from you. He will feel insecure; he may even feel guilty.

Ten-year-old Grace hears little but money worries at home. The first time she was late for school, the teacher's concern was a pleasant surprise to her. Somebody cared what she did! Grace doesn't realize that she is habitually making herself late, like late-for-his-commencement Norris, until the habit may become a part of her personality. Norris' job after graduation may be the perfect place for him—the one in which the distinction of chronic tardiness will no longer be necessary to him. But that doesn't happen to everyone.

Thirteen-year-old Paul's parents are on the verge of divorce. So Paul is late to avoid the attention of his friends. He feels that he wears his family's trouble like a badge. Both Paul and Grace (whose parents are so concerned about money) need to be taken into somebody's confidence—preferably by their parents. They need to be trusted, relied on, and above everything, *loved*.

Is your child late to music lessons, rehearsals, appointments? You can find out why. He may be discouraged with his music, or the lesson time may interfere with something he wants very much to do.

Teachers, dentists, and doctors sometimes offend or antagonize children without realizing it. If this has happened, you can probably straighten it out. Don has heard *you* express your dread of the dentist. Susie thinks her braces make her hideous. Mary Lou hates the junk the glee club is singing this year. Each problem has its individual solution.

In some cases, you'll have to lay down the law about the value of an adult's time. Be fair—your child may have a genuine grievance—but be fair to both sides. Make it clear that the time set aside for him is worth money to the teacher or doctor.

Your child may need a watch. Owning one may give him an increased sense of responsibility, at least for a while, because it's a grown-up thing to have. It should be sturdy and accurate, and winding it should be as much a part of his bedtime routine as brushing his teeth. A watch that is always wrong will get him into difficulties.

Punctuality is—like olives—an acquired taste. Children do a lot of tentative sampling and face making before they begin to appreciate it. You can't force it down their throats. Offer it attractively and they'll develop a taste for it—sooner or later.

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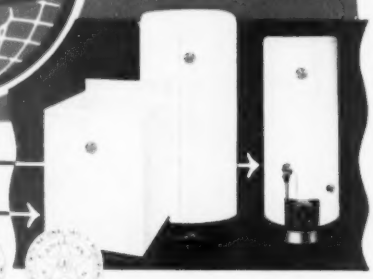

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If you've lived in your home long enough, you'll see the reason for this . . .

Postscript

By June Westmore

Five Star Home 1307 is still a popular home with other families, and plans for it are available. After remodeling, back door became a window in new powder room; jog in garage, generous closet

1943

Hedrich-Blessing

"It's the envy of brides and veteran homemakers." That's what we said about our Five Star Home No. 1307 when this picture was published eight years ago. The simple, well-proportioned Colonial house is actually bigger than it looks from the street; a full dormer across the back brings light into two upstairs bedrooms and bath

to a house plan

The proof of the house is in the living. When Benjamin Marshall, Jr., built this home in Winnetka, Illinois, several years ago, it was exactly what he wanted. It still is—though his needs have changed. He wanted an extra room and found just the space for it in the garage. To keep pace with his current feelings on decoration, the living room, once cozy Colonial, is now smartly Modern.

Better Homes & Gardens chose this house as Five Star Home No. 1307 in July, 1943. These pictures show how it appeared in that issue of *Better Homes & Gardens*—"a snug house that stops traffic"—and how it looks now.

Actual remodeling changes were few. See how you like it—before or after the "postscript."

Photographs: Rudy-Kranzten Studio

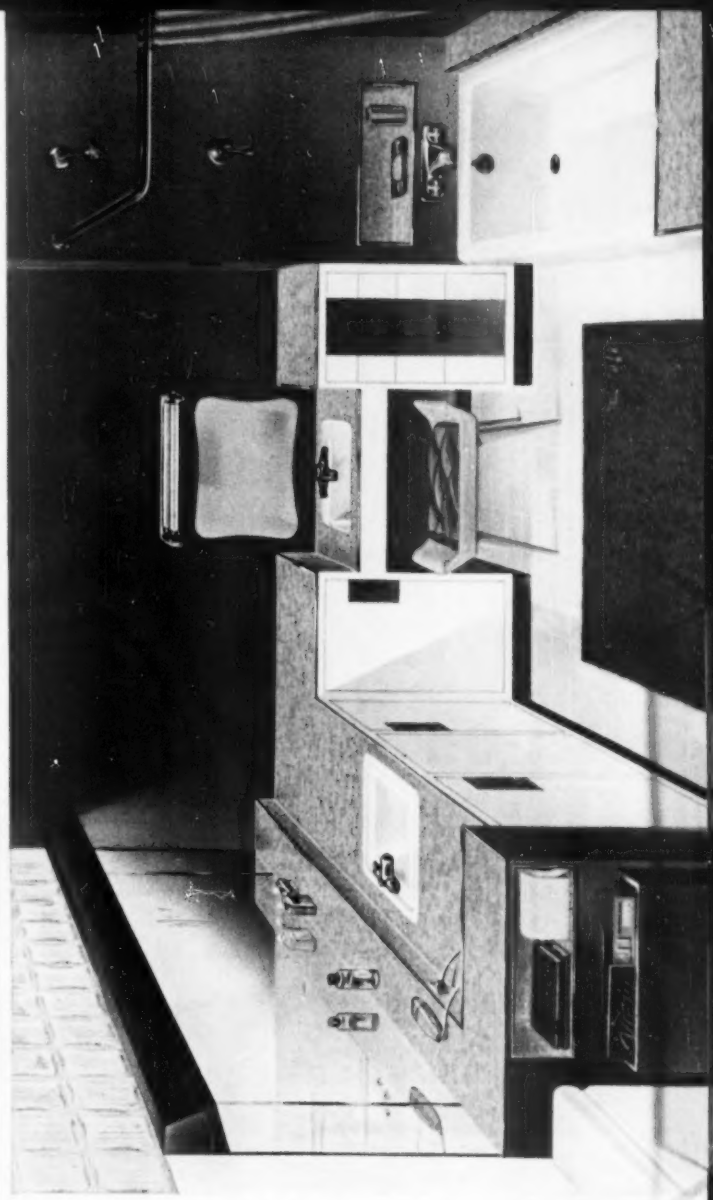
Garage in this home became den-guest room

This window in the new den, overlooking the street, used to be the garage door. Remodeling included building a small lavatory opposite this wall, for the convenience of guests. Sofa bed repeats the bittersweet color of new living-room draperies. Den is cozy spot for cards and music

NOW

A window in the new den, to correspond to the living-room window at the right of the entrance, replaces the louvered garage doors. A new garage was built behind the house, and the front driveway seeded to grass. The home was (and still is) painted a soft dove gray, with white shutters and a jewel of a kelly green front door

More on next page



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Postscript to a house plan

Begins on page 250

In 1943

Here's Ben Marshall in the living room as it was decorated originally, with small-patterned chintz, antiques, and knotty pine. "But after seven years," he says, "I got tired of counting the knots in the pine." To cater to a more sophisticated taste, the knots are hidden under a coat of fresh green paint

Now

Marshall strikes the same pose in his new chair, reminisces with the 1943 story. A modern painting replaces the petit-point head of Lincoln over the fireplace mantel; from it, comes the new color scheme. Draperies are a dramatic print of bittersweet and green on white chintz. Note how contrasting use of white brightens dark green walls

In 1943

The living room was cozy Colonial. Maybe you like it better this way. Floor-to-ceiling bookshelves flank window at front of the house. When Marshall decided to remodel, he made only one hammer-and-nail change here: wood cornices to hide heading of the Venetian blinds and drapery hardware

Now

White and green paint, large-figured chintz for draperies transformed this room. A full-size sofa replaces the love seat; it's pushed back against side wall to make the room appear more spacious. Fewer and larger accessories are a contemporary touch. Ceiling-high bookshelves look new, but under the paint they're the same, and they still house Marshall's prized rare-book collection

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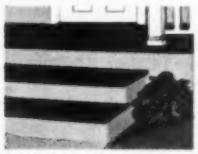

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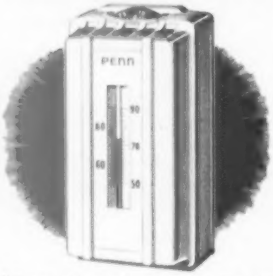

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You can have a spot like this

Begins on page 231

You'll want shade on your terrace, so include a tree in the planning. If you have to plant, choose one that loses its leaves—it will give you the sunshine you want in the winter. See how sufficient room has been left at the base for growth of this Chinese elm, which can be watered and fed from the edge of the terrace. Notice how you can conserve limited space by building a big table *around* the tree trunk

Door leading right onto the terrace will give you a quick way to get from the house to your outdoor spot. In this case, you step right onto the terrace from the den. Windows let Gorhams enjoy terrace from inside, too. If you're building a barbecue, one like this will give you plenty of space to store logs in arched area below. Here, Gorham and his daughter, Nicky, fire up for a Saturday-night family barbecue

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The best side trip we ever took

It was a typical northern Arizona day. A brilliant blue sky was spotted with cottony white clouds. Arizona's highest mountains, the San Francisco peaks, stood massively behind Flagstaff. Perhaps it was the splendor of the scenery of this small lumbering town on U. S. 66 that confused us. It was one of those fortunate mistakes one never forgets.

We were some 10 miles along U. S. Alternate 89 south of Flagstaff when our "error" was discovered. But we decided to drive ahead, just a few more miles. The broad, blacktop highway led us through one of the densest pine forests in America. Only a few miles from Flagstaff, we received one of the thrills which Mother Nature reserves for city-dwellers. Crossing the highway only a few hundred feet ahead was a herd of deer. We came upon them so quickly I had to slam on the brakes.

About 13 miles south of Flagstaff, Oak Creek Canyon opened before us like a Shangri-La. From Lookout Point, 2,000 feet above the canyon floor, we looked down the 25-mile length of this slash in the earth, carved over a period of a million years by a tiny, hurrying stream. Below to the right, we saw the twisting road to the bottom. For one moment we almost ended our side trip right there. The highway looked frightening, winding around the mountain again and again. Birthday Cake mountain, the natives call it, because of the way the roadway layers the slopes. Once on the way to the bottom, however, we found the road wide and easy to drive at a prudent speed.

The canyon floor is heavily wooded with pine, maple, oak, and quaking aspen. Perpendicular cliffs rise on the right, first buff-colored, then a vivid rust-red. In the lower canyon, red towers and cathedrals of stone reach up into the sky more than a thousand feet on both sides of the highway. We worked our camera overtime. Oak Creek itself is a tumbling mountain stream which swirls around boulders and leaps over miniature waterfalls. We couldn't resist dangling our bare feet in the cool water, while watching the cautious rainbow trout. An hour later we were back in Flagstaff. For our money, Oak Creek Canyon is one of America's most scenic drives.

—*E. S. Mancinelli*
Phoenix, Arizona

BETTER HOMES & GARDENS

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why you can have THIS KITCHEN in ANY COLOR!

You don't have to choose between "hospital white" and a *standardized* color when you select Curtis kitchen cabinet units. With Curtis cabinets, you can indulge your color tastes to the full. That's because these wood cabinets come to you prime coated in white—ready to finish in the colors you prefer. And when you want to change color schemes, it's easy!

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Here's 10 cents for your book, "It's Fun to Plan Your Own Kitchen."
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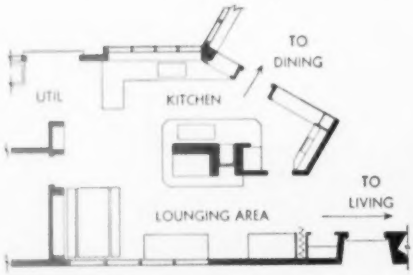
A whole family uses this kitchen

It has so many practical uses that it's almost an entire house in one room



Floor plan shows relationship of centers pictured

A lounge area for dining and conversation. Well lighted and comfortable, this side of the room invites you to sit and talk. Kitchen proper is to the right. Table and sofa are made of redwood; are semirough and heavily waxed

Room to prepare meals for 5 or 50. Though open to the lounge area, the meal-preparation center is set off where it isn't a passageway. Extensive counter space provides plenty of elbowroom. Space behind sliding doors between window sill and counter top is for storage of soap, cleaning equipment

Photographs: Baer

Modern convenience without coldness. Muted tones of redwood, used brick, and red tile soften the efficient coldness of modern equipment, keep kitchen friendly and comfortable. Ceiling is gray-green

By Rand E. Wright

The Rex McBrides operate a ranch near Beatrice, California. The house is usually alive with people—neighbors, ranch hands, men on business, and the five McBrides themselves. As in most open-country houses, the kitchen is the meeting place. To make it so, the McBrides insisted on these features:

Room to get meals for 5 or 50 on quick notice.

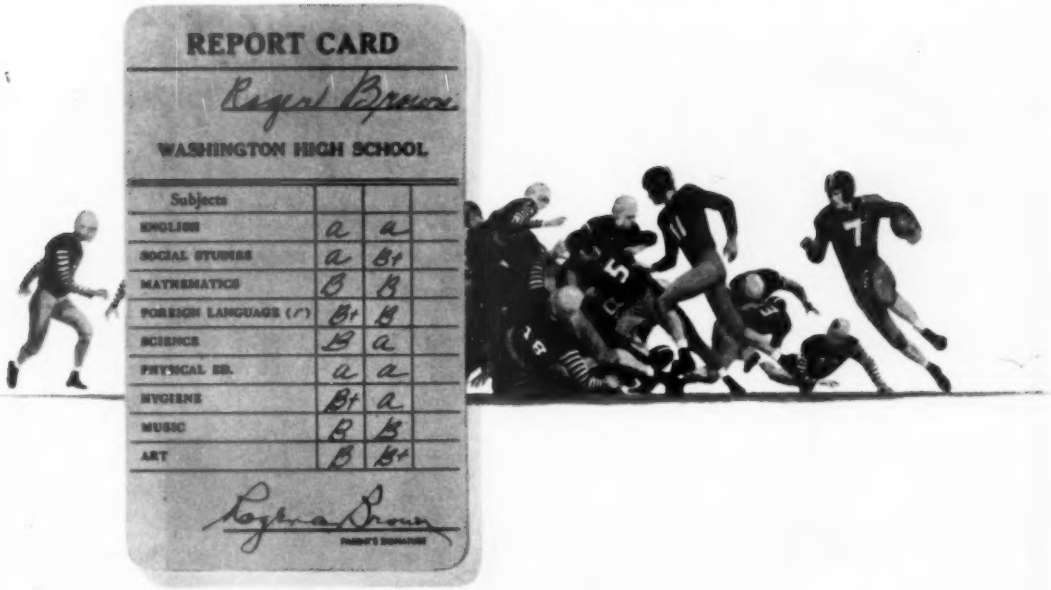
A place for guests or the family to relax, so work and conversation could be carried on simultaneously.

Materials that would wear well, so the three boys, their friends, and ranch hands could walk in without worrying about dirty hands or muddy boots.

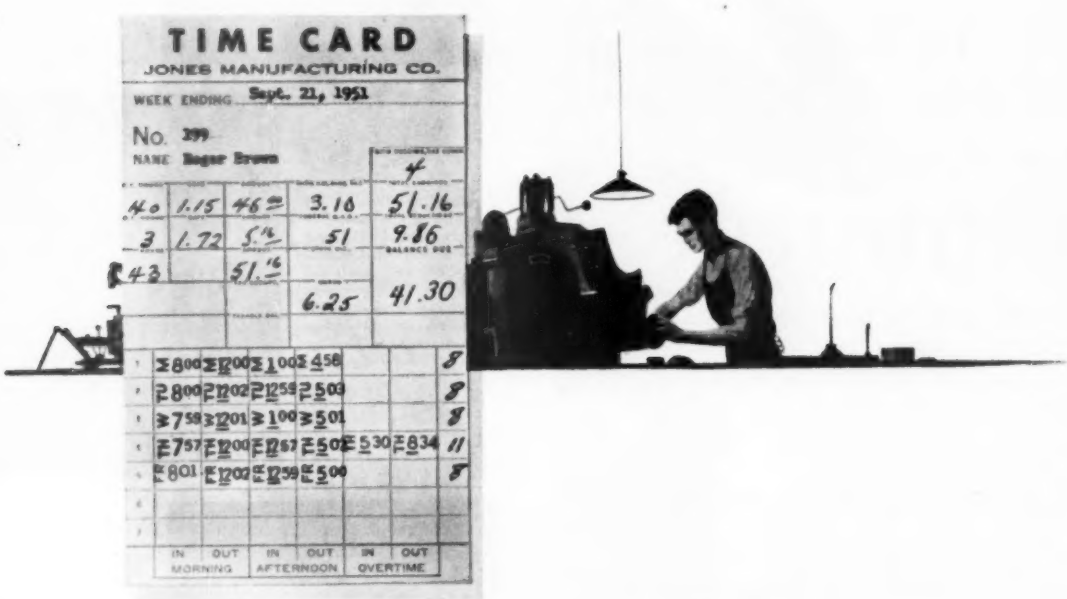
Modern conveniences, but none of the cold barrenness that all too often accompanies them.

A separate spot for preparing snacks or refreshments.

Big windows through which an eye could be kept on work outside during meals. [*Turn to page 258*



Which . . . for your youngster?



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CARROL M. SHANKS, PRESIDENT

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THE PRUDENTIAL HAS THE STRENGTH OF GIBRALTAR
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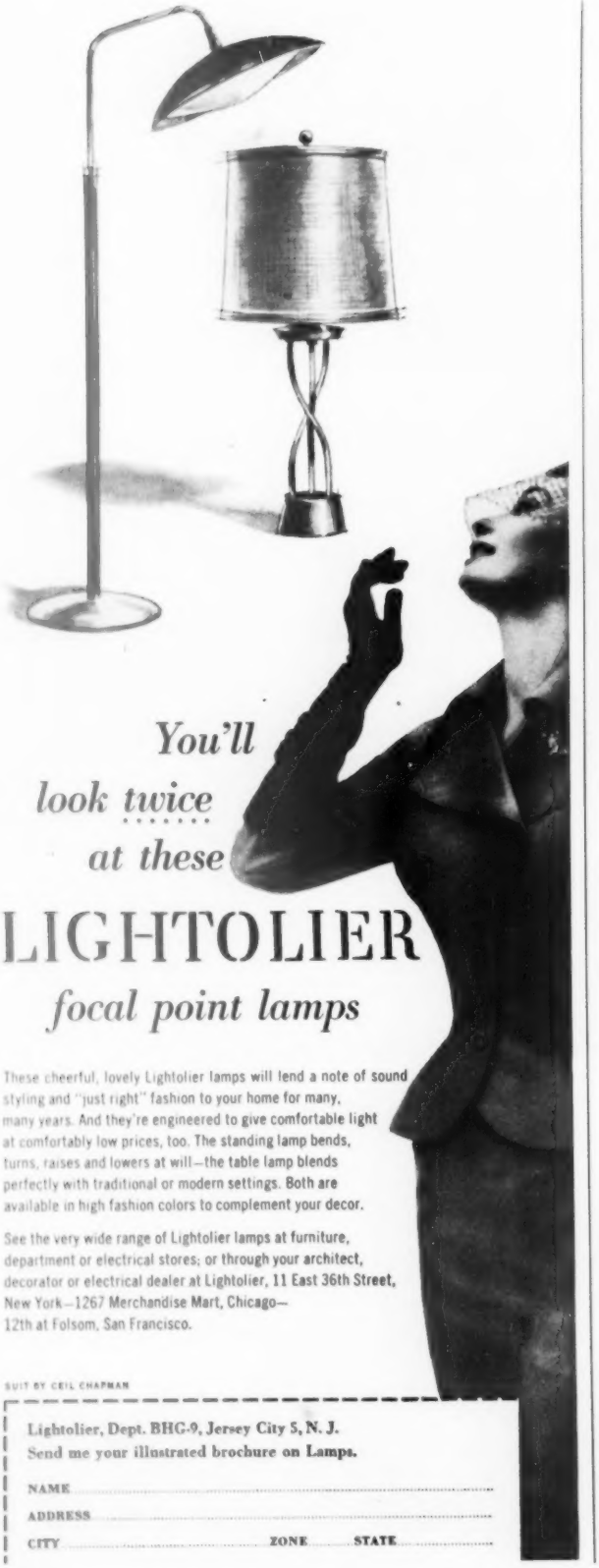

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See the very wide range of Lightolier lamps at furniture, department or electrical stores; or through your architect, decorator or electrical dealer at Lightolier, 11 East 36th Street, New York—1267 Merchandise Mart, Chicago—12th at Folsom, San Francisco.

SUIT BY CEIL CHAPMAN

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Send me your illustrated brochure on Lamps.

NAME .....

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CITY ..... ZONE ..... STATE .....

A whole family uses this kitchen

Begins on page 256

The plan which Architect Thomas Elston, A.I.A., developed provides all these features, and is readily adaptable—in less-extensive space—to smaller needs. It includes a kitchen (a food-preparation center, that is) completely out of the line of traffic in and out of and through the house. It has a snack-fixing spot, located between kitchen and dining space, with its own sink and storage space. And it has a dining lounge, with big windows, a huge fireplace, and display storage space, all finished in indestructible materials that are easy to keep clean.

But this room has something no plan can show and at which the pictures you see here can only hint—a welcoming warmth and cheerfulness that is irresistible.

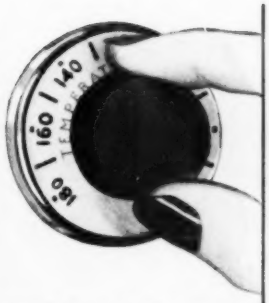
Materials that will wear well. Children and ranch hands can walk in without their worrying about muddy boots or work-soiled hands. Because of this, the kitchen is welcoming, and always full of people. Huge corner fireplace dominates the lounge area. Dutch door (right background) opens into the snack alcove

A place for planning. At one end of the lounge is this pine desk, left natural and waxed. Both desk and bookshelf were built on the job. Note the change in flooring: random-width oak planks are a continuation of the main flooring of house. Wall is lime green

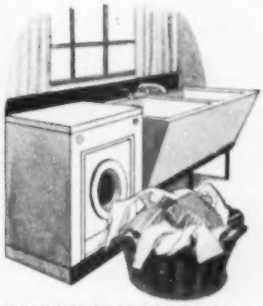
Planned storage. The redwood cabinets in the background on page 256 have doors on the dining side also, shown here. Half this space is adjacent to the alcove Mr. McBride insisted on so he could prepare snacks without interfering with the kitchen activity

runs for me instead of me for it!

that's my new automatic GAS water-heater... the world's fastest and finest!



JUST DIAL THE TEMPERATURE... New automatic Gas water-heaters give you *what* you want *when* you want it...from 130° for general use to 180° for germ-free automatic dish-washing.



WHEN IT'S SPEED YOU NEED... Gas heats water three times faster than any other all-automatic fuel. So fast, you can do a week's wash in one morning and still end up with a full tank of hot water!

NO ON-AGAIN, OFF-AGAIN, GONE-AGAIN shenanigans! Gas water-heaters are reliable. Serve you all day, every day, without waiting until night to heat up again or suddenly going off in a storm!

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AND IT SAVES MONEY, TO BOOT! In some parts of the country, as much as $90 a year! What's more, new automatic Gas water-heaters cost less to buy, less to use, up to $100 less to install!

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NO WONDER

2,300,000 families bought new automatic Gas water-heaters — last year alone. Why wait? Order yours from your merchant plumber, appliance store or Gas company, today!

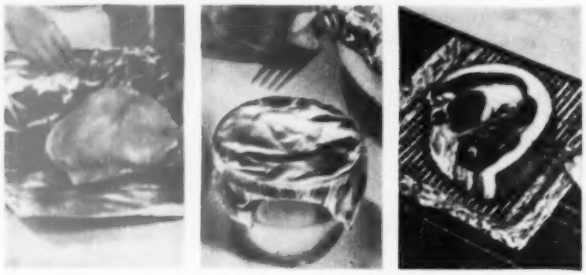
Look for this "Court of Flame" seal before you buy. It's your symbol of quality in automatic water-heaters.

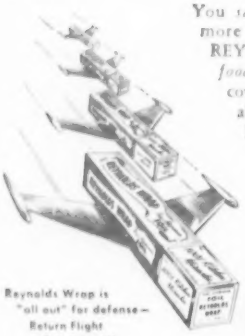
Gas has got it

for modern cooking refrigeration water-heating house-heating air-conditioning clothes-drying incineration

AMERICAN GAS ASSOCIATION

Remember these ways to save food, save time, save work...





You *save meat* (less shrinkage, more flavor) when you roast in REYNOLDS WRAP.* You *save food* when you wrap leftovers and cover bowls with this bright, reusable foil. You *save work* when you line pans with foil (no scouring)! Government order now limits the manufacture of REYNOLDS WRAP household foil. Military needs come first. *But production of aluminum is expanding.* Look and ask for REYNOLDS WRAP,... *for "1,001 Kitchen Miracles!"*...

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* If your drug, hardware, stationery, dept. or variety store can't supply you, WE WILL SEND A TOT 50 postpaid, for $1.00—write Dept. BHG.

How to mend

China and glassware

By Paul St. Gaudens and Arthur R. Jackson

You needn't head toward the wastebasket when you break a favorite piece of china or glass. Or run up a bill having it fixed. Why not mend it yourself?

Frankly, invisible, permanent mending of china or glass is something no one has yet accomplished. But you can do a neat job that will last for years. Here's how. . . .

What you'll need

1 Cement. Use a waterproof household or china cement. Or make your own adhesive by mixing 2 or 3 parts technical-grade sodium silicate to 1 part zinc or titanium oxide or white lead.

2 Small sand box—about 4 inches deep.

3 Rubber bands, clamps, and small bags of sand or stones for weight, if necessary.

How to mend

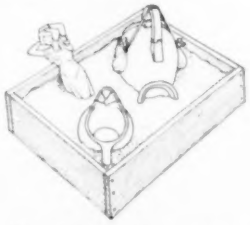
Clean edges thoroughly. Wash in soap and water. Rinse and dry. Remove any traces of old cement. Dust or dirt in cracks will make them show badly. If you're mending glass, rub edges with a fine abrasive to give cement small irregularities to cling to.

Spread on a *thin* layer of cement. Put edges together accurately. Now apply pressure to squeeze out surplus cement and make a tight joint.

The trick is to add pressure in the right direction, so edges won't slip while the cement dries. So check the drawings to see how to fix each type of break.

Remember that although cement may harden in a few hours, it may take days or weeks for it to develop full strength. So handle newly mended objects gently.

Wedge broken out



If wedge is in one piece, apply cement to all edges. Put piece exactly in place. Put article in a box of sand so mended section sticks up (as in figurine in drawing). Leave few hours or overnight.

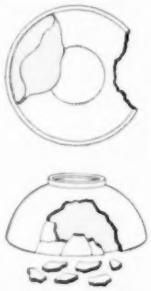
If several fragments have been broken, work quickly to get the pieces fitted accurately before cement hardens. See pitcher spout below and left. If there are many small pieces, let the first ones become partly bonded before adding more.

The glued pieces may stay in position better if you use pressure. You may find small weights or bags of sand or stones handy, as in pitcher handle.

Handles, knobs

Use the strongest china cement, and press the part on firmly and accurately. Keep pressure on it until cement has set. Remember to give the mended part gentle handling. Despite careful mending, the knobs and handles can't take the strain of lifting that they could when whole.

Large mend



Roll a firm-grade modeling wax (from art shop or toy department) into a smooth slab $\frac{1}{4}$ inch thick. Press it in or on an unbroken area of the object. (See drawing.) Now set wax form on space where parts have been broken out. This gives you a firm wall for broken parts to rest on while cement hardens.

Apply cement thinly and fit pieces in exactly. Even if you take the greatest care, you may have to grind the final pieces on an abrasive wheel so that they will fit exactly. The cement will take up some space. [*More on next page*

Osterett
...the new word for food mixer!

This is the portable electric mixer that is so easy to handle, so easy to clean and store that no kitchen is complete without one. So very light, yet *no other mixer has comparable power per pound.* Eight-foot cord plus convenient wall bracket.
Complete, *$16.95* *Price subject to change without notice.*

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WITH AUTOMATIC TIMER
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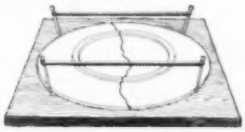
How to mend china and glassware

Two-piece mend



To keep the cemented parts firmly in place, put on board. Place nails in pairs at opposite sides of the break, touching the rim. Drive them lightly and slant them out. Stretch rubber bands between nails to squeeze parts tightly together. Keep the mended parts braced till the cement is thoroughly dry.

Several pieces

Put pieces together on board. Brace each broken piece with nails placed in opposite pairs, as in the drawing, above. Apply pressure by stringing rubber bands between the nails.

Tall vase

A break straight across the narrow part of the neck is simple to mend. Spread a thin layer of glue over edges, set piece upright, and place weight on top. If the break is on an angle, you will have to splint or bind the repair until the cement hardens. For handle, apply weight as shown. Use small bags of sand or stone.

To keep cracks inconspicuous

Cracks will show slightly in mended ware no matter how well you sandpaper them. They can be fairly well concealed if you use ceramic paints and lacquer with thin paint.

Grind both sides of break so edges form V- or U-shape when put together. Moisten well and fill in with china cement. Bake in a very slow oven (200°) 5 hours. Take out, and fill any pits that may have formed with plastic ceramic filler powder (from an art store). Paint (with ceramic paint) the mended spot in a color that harmonizes with the dish. Follow the directions that come with the box of ceramic paints.

Dawn of a Delicious Era!

1908! The first time two *crisp* chocolate wafers and luscious vanilla cream combined to become HYDROX . . . *the original*—the delicious *masterpiece* of cream-filled chocolate cookies! Today *millions* say Sunshine HYDROX is the Finest Ever Made!

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DISTINCTIVE FEATURES INCLUDE
Finely fashioned hardwood cabinets in lovely Flo-Line styling . . . personalized planning . . . doors with cushioned silencers . . . drawers that open and close easily . . . solid shelves for fine tableware . . . choice of 4 soft, restful colors . . . scores of work-saving accessories.

Few experiences compare with the thrill of owning a Kitchen Maid kitchen of friendly wood. Skillfully planned to meet your needs, and your budget, it is the magic key to a new world of leisure. The beauty, warmth and delightful convenience are a never ending joy. See your dealer soon. Send 10 cents for helpful planning booklet with model kitchens in color.

Look for this sign in your dealer's window. It signifies his skill as a member of the nation's oldest kitchen planning organization.

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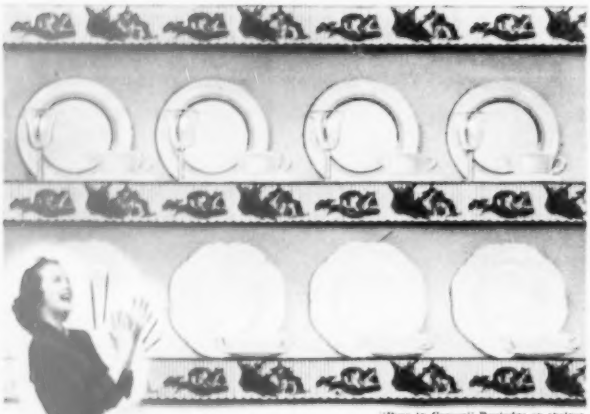

"Puss-in-Corner" Royledge on shelves.

How to have a

COLORFUL KITCHEN

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For only pennies, you can make your kitchen "sing" with color by decorating all shelves with gay, gorgeous Royledge Shelving! A color-bright kitchen is so much nicer to live in—and wins compliments. New "Plasti-Chrome" Royledge costs only about a penny a foot. See new patterns at 5 & 10's, Supermarkets, Housefurnishing, Naborhood, Dept. Stores.

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Shelving Paper & Edging
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New ADHESIVE Edging
for steel or wood shelves

Install in **ANY HOME** *—New or Old—*
in **ANY ARRANGEMENT**

The Chambers Built-In Oven fits into any kitchen, in only 24 inches of wall space. Put companion top burner units where they can save you time and steps. Enjoy the new counter-level convenience of Chambers' World Famous Cooking Performance.

Stainless steel finish with oven doors in choice of seven colors

Large IN-A-WALL retained-heat oven bakes, roasts, grills to perfection.

DROP-IN cooking top fits into counter or cabinet—4 burners also available.

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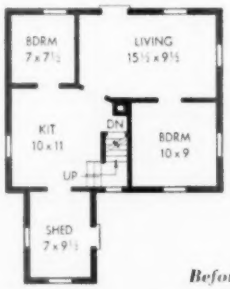
For Free Folder Write Dept. BH91

From old farm to

Because purchase price was low, Thomas F. Chan of Minneapolis put more money into remodeling an old farmhouse than you might want to spend. But any one of the ideas he used may answer your remodeling problem.

Upstairs bedrooms had no cross ventilation. Dormers took care of that. The sloping roof made closet space worthless. By adding another dormer that extends into the new chimney, Architect Peter Laraway provided one large walk-in closet and a smaller one besides. A worthless shed outside the kitchen was torn down and replaced with an open, easily served living porch. Inside, once the stairway was changed to open from the living room instead of the kitchen, other changes fell in line.

Why spend money on an old farmhouse like this? First, there are many of them close to town that can be bought at bargain prices. Second, you have the privacy that a little land brings. Third, you save on property taxes if your land is large enough to be classified as a farm.



Before

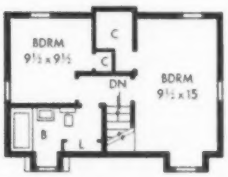
Hardly a house to exclaim over, there was little to recommend it except its site. The only bathroom was not inside the house

After. **Dormers help enlarge the upstairs bedrooms and give cross ventilation. The center dormer, which butts into the new chimney, contains a large, walk-in closet. New terrace is open at both ends**

show place

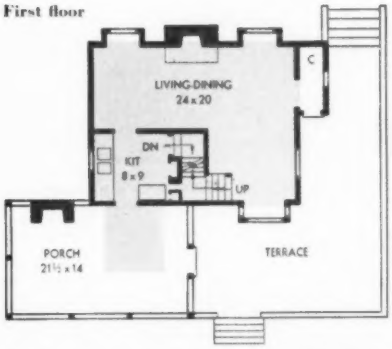
By Ian Porter

There are good remodeling bargains a few miles away from where you live—if you look for them



Second floor

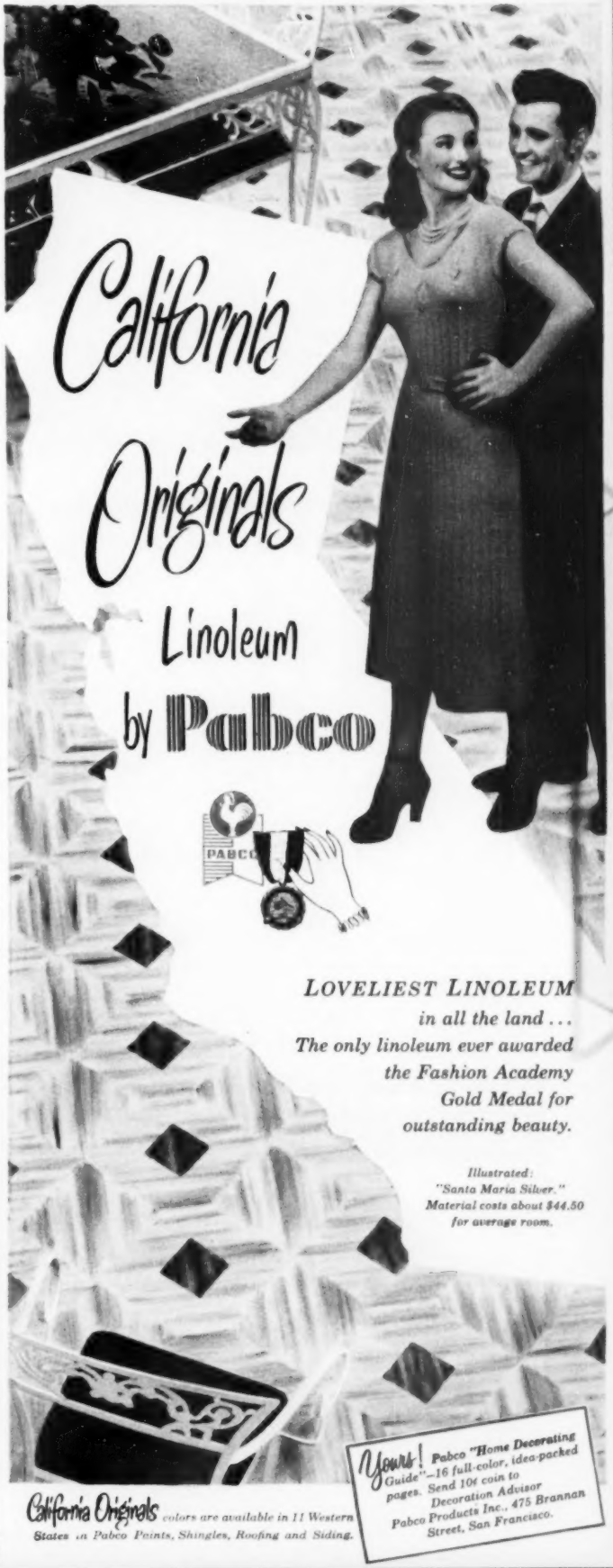
First floor



Shaded area indicates the original size of the house

Photographs: Photography, Inc.

After. Twelve additions—three bays, five dormers, a chimney, an entrance hall, a huge living porch, and a terrace with a garage below—and removal of most interior walls constitute the work done



DOUBLE YOUR KITCHEN CONVENIENCE THESE 2 EASY WAYS!

▶ The number-one work and time-saver in any kitchen is a sink with *two* bowls and *two* drainboards instead of one! You know how much easier that makes your dishwashing, rinsing, food preparation and other sink tasks! Especially with the swing-spout faucet and spray to help out!

Now, whatever the size of your kitchen, there's a Shirley two-bowl, steel cabinet-sink to fit it! A small kitchen takes the "Duplexer 48" . . . a middle-sized kitchen takes the new "Sterling 66" (shown above) . . . and the "Master 84" is just right for the larger kitchens!

Guaranteed by Good Housekeeping

▶ And number-two convenience-bringer is the handsome Shirley line of Steel Base and Wall Cabinets! They offer you so much more storage space, arranged for easy access. And the nice part of it is, you can buy these Shirley Cabinets a unit at a time, or all at once. Just start with a beautiful, work-saving sink, and add the rest as your budget permits!

Write for Shirley Kitchen-Planning Booklet! It's full of practical, down-to-earth ideas that will help you. Send 10c in coin (no stamps, please!) to cover handling. See these beautiful Shirley units at your dealer's!

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Handsome steel Shirley Cabinet-Sinks offered in 5 lengths—84", 66", 54", 48", and 42".

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Enter Better Homes & Gardens $1,000 RECIPE CONTEST!

Your family's favorite recipe may win you as much as $1,000! Or any one of the other 67 prizes in this big $4,000 recipe contest by *Better Homes & Gardens!* Just send in your recipe, along with your reasons for liking the *Better Homes & Gardens* Cook Book. See page 243 for details and contest rules.

Garden clinic

Shade-tree problems

Q *We plan to move a fairly large shade tree. How should we go about it?*
S. L. F., Illinois

Save as many roots as possible when you dig the tree. In transplanting, prepare the hole large enough to receive the roots without cramping them. Place loose soil firmly around the roots. Water thoroughly. Cut out a few of the smaller limbs, and head back remaining ones about a third. Newly planted trees, especially larger ones, should be supported. You can prevent cutting into the bark by slipping support wire through a piece of old hose and fastening other end to a peg. Three supports keep tree firm. Leave wires attached until tree is well rooted.

Q *A strip of bark on the trunk of our young elm tree is dead, and there are several holes in the wood. Can we save the tree, and, if so, how?*
R. C., Missouri

Photographs: Stanley

Your elm tree probably is damaged by borers. Cut away dead material back to live bark with a knife, and dig out any borers you can. Then probe deep into the holes with a wire to kill others. Protect wound with tree paint and feed tree to speed healing. Keep trunks of all new trees wrapped with paper for several years or until branches start to shade trunks. Trunks will be protected from sun as well as borers. Extend paper from about two inches below soil to the first limb.

DELCO-HEAT BURNER KEEPS NEW YORKER COMFORTABLE IN CHANGEABLE WEATHER

"Everything that the Delco-Heat salesman said about the convenience and economy of my Delco-Heat Conversion Oil Burner has been fully borne out by its performance," writes Florence E. Margot of Garden City, New York. "It has given us the most comfortable winter we have ever had, and has kept the house especially comfortable during the variable spring weather."

Clean, even heat at low cost is a sure thing when you install a dependable Delco-Heat unit. Delco-Heat units are products of General Motors—and are always installed by heating experts who take pride in doing the job right. Windsor Fuel Co., Mineola, installed the Margot's Conversion Burner.

Delco-Heat Conversion Oil Burner. Has "Roto-power" feature that combines all moving parts in a single unit. For oil or gas-fired automatic heat, see your Delco-Heat Retail Distributor.

FREE—Write for literature on automatic Delco-Heat. Address Dept. BHG-52, Delco Appliance Division, General Motors Corp., Rochester 1, New York.

Read what other Delco-Heat users have to say—see pages 193, 289

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Your pet and mine

A pup's a responsibility but you can mold him nearly any way you want

By Russell K. Lowry

Just about every boy or girl wants a dog. Many letters we receive from youngsters are pathetic in their appeal for pet companionship. We get quite a few too, from parents who want to know the pros and cons of becoming dog owners.

First, let's take all the things *against* the idea:

A young puppy is a responsibility. Yes, always buy a pup. A grown animal is unpredictable, may have preconceived notions and habits which do not fit in with a new home. A pup, on the other hand, can be molded practically any way you want. However, he must be fed often, aired several times a day to acquire good house manners. And somebody should devote 10 to 15 minutes a day to training him to obey a few simple commands.

All this attention takes the time and effort of someone. Exercising, feeding, and training are musts. Where they are neglected, the pup suffers, and the issue kicks up a fuss in the family. With youngsters at school and Dad at work, Mother is usually the one who inherits this job. And many mothers haven't time to do the job justice.

Then too, owning a dog is an expense. That is, if he is fed properly. "Table scraps" do not afford real nourishment. A dog's food should be specially bought and properly prepared.

Another point: Dog ownership involves a responsibility to the community. It is unfair to your neighbors to allow your dog to trespass on lawns and race through flower beds and vegetable gardens. Most towns have laws against dogs running at large, especially during spring and summer months. So if your dog refuses to remain on his own property and respect the rights of others, you'll have to keep him inside a fence or tie him up on a leash which slides along a wire. Or keep him in the house.

What's more, free-roaming dogs are often stolen. Or they get lost. Or they get run over by automobiles. Still another factor against dog ownership is the "dog hater." There are always a few people who just don't like dogs. They stone

[*Turn to next page*

▶ Have you a problem in pet feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Pet and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

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DOGS LOVE LIVER—thrive on liver, too! That's what makes Dash such a wonderful food for dogs—the fresh-ground liver they love so much *does* so much for them! For, as any veterinarian will tell you, liver is the richest of all meats in the proteins, vitamins and minerals your dog needs every day. So start your dog on Dash today —*it's fortified with liver!* Then watch for the brighter eyes, glossier coat, and happier disposition that an improved diet will bring your dog. Remember! Dash is a *complete* dog food — nothing else is needed!

The dogs illustrated are German Shepherds

Cats love liver, too — try Dash and see! Dash is fortified with liver! Every ingredient in Dash is good for cats—and one can of Dash gives your cat *complete* nutrition for 2 to 4 days. Get Dash today!

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266

Your pet and mine

Begins on preceding page

them or shoot at them or poison them.

A dog takes room. Do you want a small- or medium-sized breed? Of course, if you live in a suburb or a rural area, any size dog will have plenty of room, but in town it's not so simple.

All these factors should be given careful thought before you introduce a pup into your family. Remember, the pup deserves a break too. If his life isn't going to be happy, if he isn't going to be well fed and cared for, if everybody isn't fully sold on bringing him in as a full-fledged member of the household with certain rights and privileges and a fair amount of sympathetic consideration for the natural shortcomings of his youth—give up the idea right now. So much for the things against dog ownership.

Let's look at factors *in favor* of dogs:

First, there's no denying dogs are "good" for old and young alike. They impart comfort, inspire love and loyalty, afford companionship. And they serve devotedly in innumerable ways. They guard homes and property. They cheer and comfort the aged. And children and dogs have a natural affinity for each other.

Dogs are good watchmen. With ears that can catch noises which escape humans and a keen sense of smell, combined with a natural animal suspicion of all strange noises and scents, many a dog has saved the lives of his owners. And dogs are brave. Roots of loyalty go down deep in a dog, who throws aside all thoughts of himself when the chips are down. It's his life or the lives of his loved ones.

Dogs are devoted and trustworthy—perhaps the only species of anything on the face of the earth which can be so described. And once a human is thrown into contact with these universally revered qualities, he finds he can't do without them. Dogs best demonstrate the virtue of devotedness.

I recently lost three Cocker Spaniels because of mange. What precautions should I take before I get some new dogs?—C. J. C., New Jersey.

Mange, caused by mites, is highly infectious. Burn all toys, bedding, etc. Pens or quarters should be scrubbed with full-strength ammonia, then sprayed with a chlordane solution. The mites are very tenacious and can get on other animals even after stricken dogs are removed. A "waiting period" of at least 90 days is advisable before bringing in new dogs.

What is the present situation on War Dogs?—W. W. C., Indiana.

The Army is now purchasing dogs. In World War II, dogs used in the K-9 Corps were donated by private owners. The only breed now accepted is German shepherd, though this may change if the need increases. The only training school now in operation is at Fort Riley, Kansas.

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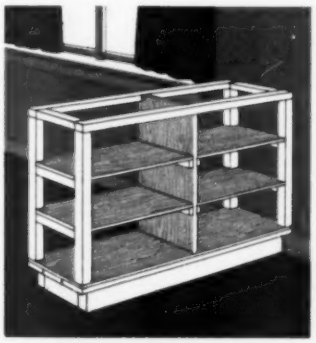
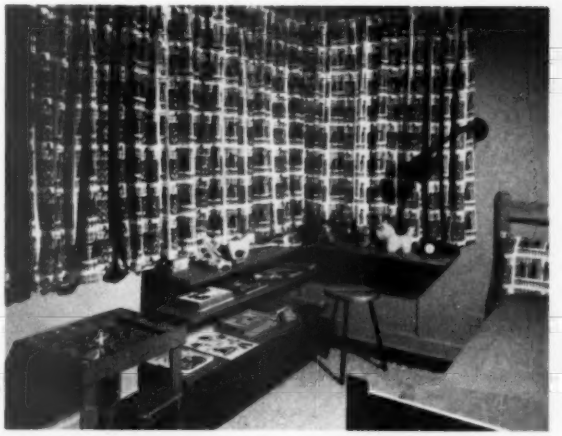
There's no price tag on originality!

Begins on page 125

Counter cabinet separates back door and dining area. Note dark curtains and cupboards—easy maintenance as well as drama! Walls and woodwork are canary yellow; counters are black linoleum with cabinets painted dark brown. Floor and curtains are a practical dark green



Mount divider on 2x4 framework. It has simple 2x2 box frame with butted joints. Shelves rest on cleats. Shelves of ¾-inch plywood are the most satisfactory. You can anchor unit with screws in wall studs or with toggle bolts



Adjustable shelves are put to work in son Geoffrey's bedroom, too. Shelves are painted red, matching the red of the striped rug. These adjustable shelves are a fine idea for children's rooms. As the child grows, simply change the height of shelves to fit child's new needs

GET YOUR Copy of the New Planning Booklet

Here is a booklet every woman should have. It is called "How To Plan and Decorate Masterpiece Rooms." It's a beautiful, full color 16-page booklet with the most exciting decorating idea of the century. Leading decorators are using this wonderful new idea to create America's most beautiful and livable rooms. Now, you can do the same—simply and easily.

You don't have to know a thing about color harmony to make this idea work for you. Actually, it's automatic. All you have to do is pick one color you would like to use in a room and a color selecting device immediately shows you which colors to use for furniture, draperies, rugs, walls, etc. It is impossible to make a mistake; the correct color selections are made for you.

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As you go through the pages of this booklet you will see how the great masters used this very same color system to create the paintings that we now recognize as "masterpieces." Then you can plan and decorate your rooms using colors the same way the great painters would have used them.

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THE HOMEMAKER'S CORNER by Betty Wade

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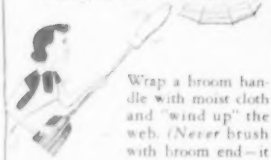


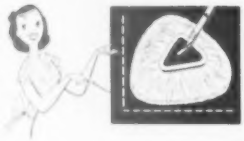
Wrap a broom handle with moist cloth and "wind up" the web. (*Never* brush with broom end—it marks walls, ceiling.)

TRIED THIS TIP FOR "DUSTLESS" DUSTING?

Dust won't scatter and then re-settle if you'll put a few drops of O-Cedar All Purpose Polish on your mop or cloth to make it dust-absorbent.

No wonder it's called "All-Purpose"! Polishes furniture *fast—cleans* and *protects* at the same time!

DUST IN CORNERS CAN'T CORNER YOU!



Not when you have an O-Cedar Triangular Mop! Patented triangular shape gets into corners with ease. Polishes floors as it cleans. Polish treated, or untreated for waxed floors. Pad is removable for washing.

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These are can openers plus!

No more hunting through kitchen drawers in search of the can opener that's "never there." Install a sturdy can opener on your wall—ready for action. These de luxe models won't stick or skip, so they save both your time and patience. Some come equipped with bottle openers, too. Most of them detach for easy cleaning. You can match them to your gayest kitchen color or to the chrome-and-white enamel of your equipment.

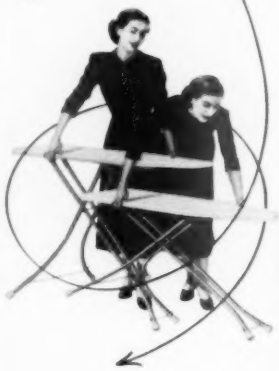
Cutter bites in and holds the can when you pull lever forward. Now just a few quick turns of the handle, and can will be open. Angle of wheels is designed to cut out top, tilt it upward for easy removal, and leave smooth edges on can. When opener is not in use, it can be shifted out of way, against wall or stored in drawer

Photographs: Stanley

No need to wish for a third hand here. Magnet holds lid while you take away the can. Just turn handle backward to release can; lid won't drop in. Magnet and cutter snap on and off for speedy rinsing. Can opener comes in choice of white, red, or yellow enamel. You can hang it flat against the wall when it's not in use

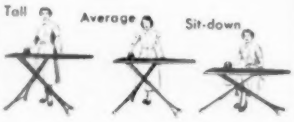
Now! Iron at your own

Comfort Level



CLICK! CLICK! CLICK!

change height that quick



● Be relaxed! Iron at the level that's most comfortable for you!

The Rid-Jid Adjustable all-steel ironing table easily adjusts to any comfortable height from "high" to "sit-down" ironing position.

Steam and heat flow downward and quickly escape through the wide open mesh. *Rid-Jid's full ventilation is the only real answer for perfect ironing on a steel top.*

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Beautiful in appearance—sturdy for lifetime use—non-slip feet to protect your floors. Simple to operate.

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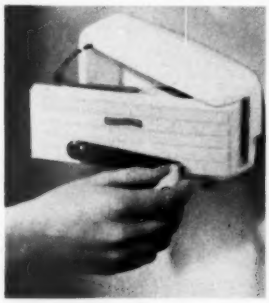
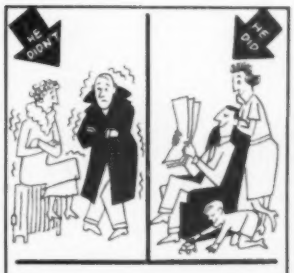
Can openers plus!

Can is open in a jiffy. To release it, hold can and lift lever upward and back toward wall. That's all there is to it. Opener makes a smooth cut, leaves no dangerous edge on can. This model comes in white enamel with red handle, lifts off the wall



Compact cabinet model has a home of its own. Door swings out from wall, locks into position, and becomes a can opener. Its cutting disc is self-sharpening, can't stick or skip. Just open the can, reverse action to release, and then close the can-opener door back into the wall

Cans of any size or shape—round, oval, square—are no problem to this can opener. When clamped into position, can is held securely in thin air. It's opened quickly, cleanly—no jagged edges, no metal splinters. You can fold can opener upright out of way or lift it out of wall bracket to clean or store. Note bottle opener



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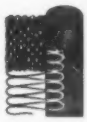

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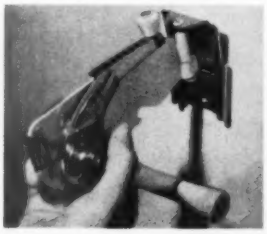
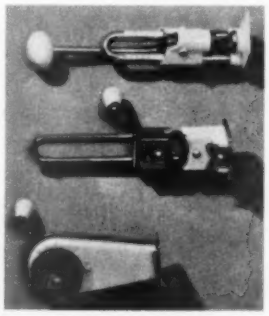
Can openers plus!



Can opener slips easily into handy wall bracket, swings against wall when not in use, or can be stored in drawer. It comes in five gay colors



Six attachments fit bracket shown above. *Top*, nutcracker. *Center*, jar opener and sealer. Turn handle to open, reverse action to seal. *Below*, sharpener. It squares up tools, too

Top, coffee dispenser. Measures right amount of coffee for one cup in a flip. *Center*, ice crusher. Crush ice fine, medium, or coarse. *Below*, juicer

The armed forces have a slick folding can opener that may be available someday for camping trips. Opens any can with rocking motion

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Here's a kitchen that was not quite as bad as the one we've been talking about, but almost. The main fault with the kitchen in the H. P. White home, Dallas, Texas, was that it was too drab. The little room adjoining was just an unattractive place that had no purpose.

The two rooms are now the center of interest in the home. When meals are being prepared, the family gathers in the adjoining room to talk about all they've done that day.

You can take some of these ideas and make your kitchen one of the brightest spots in your home.

Before. No wonder the family tried to avoid the kitchen. The large water-heater vent pipe looked lost angling across the wall. Built-in cabinets had a "down-at-the-heels" look

Photographs: Griffith

After. Heater pipe was run through the ceiling in the closet. Shutter closes it in, but gives ventilation. New pine cabinets and window treatment add to the room's charm

bright and cheerful

By Dorothy Monroe

Before. Room just off the kitchen was a catchall for odds and ends. It didn't serve much of a purpose in the over-all living plan of the home

After. Room is now gathering place of family. Bookshelves were built in corner and across lower part of unused door

After. Shelves occupy spot where ironing board used to be. Louvered shutters serve as a door to the "family room." Brick wallpaper is used in both rooms to cover uneven walls

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Too busy for their own good?

By Jeannette Egerly

Clubs, parties, athletics, school projects leave our boys and girls scarcely a spare moment. It's all good, but how much is too much?

Work on school paper

And there's studying

There is scarcely a parent who has not felt the pressure that can be brought to bear when a child—8 or 18—wants to go somewhere. It matters little whether the particular destination is a Donald Duck movie or an out-of-town dance.

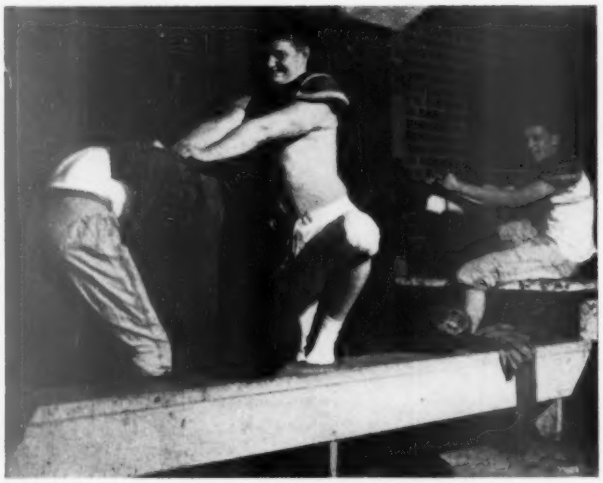
Some parents, who think the modern child has too much freedom, too much social activity, will either say "no" or else impose so many rules and regulations that the youngster must of necessity stay home. The more easygoing parent sees no cause for alarm and, with a vague admonition to "be careful," sends the child on his way.

If you're a middle-of-the-road parent, however, you don't find it so easy to come forth with either a glib "yes" or "no." There are some questions for which you want the answers. You want to know exactly where your child is going, with whom, how late he will be, and how he is going to get there. But you can't use district attorney tactics to find out. And, you wonder a little uneasily if restricting your child's activities will hamper his normal social development.

Regardless of which type of parent you are, there is little doubt that your boys and girls today are growing up faster than they did a generation ago. There are also more places for them to go, more things for them to do.

Increasingly, parents are looking upon their children's social activities as problems and are wondering

Daily practice for the team



The play's the thing

how to handle them for the youngsters' best interests.

Will setting up a few rules for your boy or girl make your lot as a parent easier?

"Yes!" is the emphatic answer from a mother of six children, ranging in age from 7 to 16. The rules are not only fairly rigid but are broad enough to work as well for the 10-year-old twins as they do for the teenage son and daughters.

"A rule of no week-night activity," this mother says, "was started when each child was small. The younger ones are not allowed to have guests or stay all night with their friends on school nights. With the older ones, the same rule still holds for dating, although there are exceptions for outstanding musical or dramatic events.

"Occasionally, someone will howl about not being able to do this or that, but I don't think any of them really mind. And I'm sure that, with six children, our home life is more peaceful because the children know in advance what they can and cannot do."

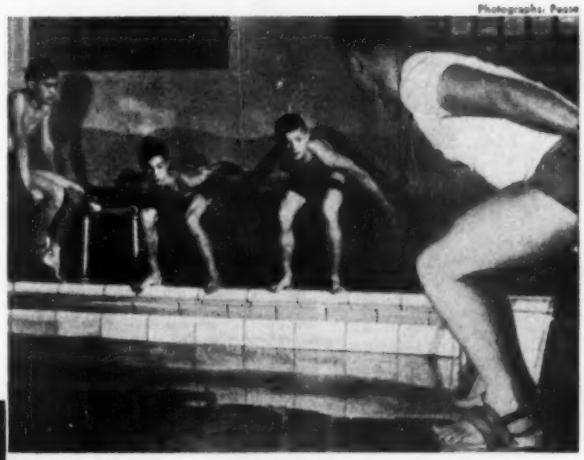
The second rule in this household is not for the children alone but for the parents as well. No matter who in the family is going out, some other member must be notified. (A big bulletin board in the kitchen or hall will help with this.) "I feel," the mother continues, "that the children have as much right to know where *I* am, for instance, as I have to know where they are.

"Children, incidentally, who have been taught to come home from school promptly or else to call and report their whereabouts, do not find it as difficult to follow similar requirements when they are older. And there certainly isn't much incentive for 'coming straight home' when Mom is seldom there, either."

These parents also have fairly strict rules about the time the older children should be home from dates, spreads, football or basketball games to which they go with the gang. After the event is over, they allow 45 minutes plus "travel time," unless special provisions have been made. [*Turn to next page*

Can't miss a school game

Photographs: Pesse



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Too busy for their

Parties, dances, proms, are fun and important. But they can crowd an already busy schedule, and the expense of corsages, transportation, formal dress may drain student's allowance or part-time earnings

Although most of the parents I talked to are more or less in agreement about the question of the home-coming hour, one mother admitted that she was brought to it the hard way.

"Because I'd always been a Cinderella girl, myself—the one who always had to leave the party before it was over, or the first one in the car to be taken home—I determined that I would handle things differently with my own teen-age daughter. The night of her first real date she asked what time she should be home. I explained that I had every confidence in her and that I wanted her to use her own good judgment.

"For several months the plan worked very well. She was always home by the time I might reasonably have expected her. Then gradually the hour grew later and later. Her father, who had taken a rather dim view of my logic from the beginning, was just about ready to take a hand when she came to me a little shamefaced. 'Maybe it would be better,' she said, 'if you told me what time I had to be home. I mean all the other girls have curfews, and it seems, well . . . like you aren't taking good care of me.' I was, of course, more than happy to oblige her."

Proper understanding between parents and children can ease or solve many difficult situations. This, as well as the fact that to the teen-ager "group approval" is all-important, was illustrated recently when the parents of a 16-year-old daughter allowed her to have an open house.

Most of her gang was well behaved. There was, however, one boy who invariably turned every party he attended into a near riot. Although he had not been invited to this particular open house, the parents were fearful that he would come anyway—which is exactly what he did. They need not have been apprehensive, for their daughter handled the matter very well.

"I'm sorry," she said firmly, when meeting the uninvited guest at the door, "but you just can't come in. My mother just had her kitchen painted, and I'm not going to have you squirt it all up with pop the way you did at the Loomises, and what's more, I'm not going to have you sitting on *my* records and breaking them."

An hour later, when he was found still sitting disconsolate and contrite on the front steps, he was allowed in—on probation. Reports are that he has behaved himself ever since!

Although boys and girls are entitled to a happy and peaceful home life, there's no magic formula to ensure this blissful state. It is sometimes, however, easier to avoid the cause of possible friction than to handle a difficult situation after it has arisen.

A high-school junior told me of a plan that she and her parents worked out together to ensure her coming home from parties or an occasional date on time: No more anxious to wait up for their daughter than she was to have them, they agreed in advance on the hour that the girl should be home, then set the alarm for that hour.

"If I'm home on time—and you

own good?

Begins on page 272

can be sure I really try—I get the alarm turned off. Otherwise, I'm met by a reception committee!"

It's not always social activity of the boy-girl type that worries parents. It's just the superabundance of things that are available for today's children to do.

"We hardly ever see our boy since he started to high school," one mother told me. "He's busy every afternoon after school. He's on both the track team and the swimming team. One night he has Scout meeting; another he takes ballroom dancing. He's also active in several organizations at school as well as working on the stage crew now and then at the Little Theater. As long as he does well in school, we hate to limit his activity, although I'm sure he's not getting enough sleep for a boy his age."

Even more difficult than being the parent of a socially active boy is the job of being the parent of a socially active girl, who must be transported everywhere she goes.

One father, when asked if he limited his children's social activities, answered with an emphatic "yes." "And it's not," he added, a little grimly, "that I'm afraid they'll overtax their strength. I'm afraid I'll overtax mine. As it is, with three daughters, I'm running competition to the cab company."

Although he was speaking facetiously, too many activities of any kind put more pressure on a child than is healthful or even wise.

The adviser for more than a thousand junior-high girls believes that many children *do* have too much to do. She explained that while all schools, both junior and senior high, must offer dozens of activities to meet the aptitudes and interests of all of the students, it is up to the parent to limit the amount of activity his child should have.

She cited the instance of a 14-year-old girl who attended an afterschool mixer, went to a Y.W.C.A. dinner that was being held downtown, then was picked up by her mother and taken to a class in ballroom dancing. This girl, she feels, would have been better off if, after the mixer, she had gone home, had dinner with her family and been in bed by 9:30.

Even when boys and girls are older and are assumed to have greater physical stamina, emotional tensions can develop because of the pressure of too many activities. One pediatrician, the father of four, believes that many problems would disappear if parents gave the same attention to their children during adolescence that they did when their youngsters were small. Insufficient sleep, meals eaten on the run—or breakfasts that are sometimes skipped entirely—do not help to equip either a boy or girl to meet the problems of growing up.

Whatever the age of the child, a careless parent or two in the neighborhood can create problems for all the rest.

As an example, a 12-year-old recently demanded of his startled parents that he be allowed to go out every night for an hour or two after dinner and "mess around with the gang." Although they knew that "messing around" was an innocent enough pastime—it consisted of a group of boys riding their bicycles up and down the street and whistling at passing cars—they said "no."

When their son, always easily managed before, met their refusal with tears and resentment, a little patience and a few questions revealed the true state of affairs: The boy didn't particularly want to go out after dinner—he enjoyed reading and tinkering with his radio. It was just that getting out in the evening was a sign of a boy's independence, sure proof that he wasn't a baby.

Rather than back down on his decision, the father bought the boy a .22 rifle and taught him the proper use of it. The boy no longer feels like a baby although he is not on the street at night, for he is the only one in his gang who has a gun and the only one who goes hunting with his father.

This situation is not unique, except in the intelligent way the parents handled the problem, for the most common complaint made by the teen-ager is that everybody else has infinitely more freedom than he does. Everybody else can go out oftener, stay out later, be allowed the family car more often—the list goes on endlessly.

A group of parents in one neighborhood, tired of hearing this same old story of how their sons and daughters were more restricted than anybody elses', did a little investigating with some interesting results! Many of the claims made by their own boys and girls about the freedom allowed *other* people's boys and girls simply were not true. They were part of the "pressure program" of their young to try to wring whatever additional liberties they could from their harrassed parents.

These parents decided that there was strength in numbers and while they were about it, they made a few group rules about what places were to be considered out of bounds; how many youngsters could ride together in one car; the degree of formality they would allow in their daughters' evening dresses; as well as a few rules on the corsage problem—a

[*Turn to next page*

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2 *slices white bread, softened in milk*
1 *egg*
1 *teaspoon LEA & PERRINS Worcestershire Sauce*
½ *teaspoon salt*
1 *small onion, grated*
Shortening

Thoroughly blend meat, bread, egg, and seasonings. Mold into shape of chops (makes 4 or 5). Brown each side quickly in a little hot shortening; then cook until done. Dress with chop ruffle, and garnish with watercress. Nancy Sasser says that the success of this taste-tempting recipe depends on LEA & PERRINS Sauce, the *original* Worcestershire.

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And struggles, going up a hill—
We'll get a new one, that we will!
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And seems to be about to fold;
Our big armchair is frayed and drab
And oftentimes inclined to stab
Our guests in places most unseemly
Which turns our faces red, extremely;
They'll get attention, we acknowledge
As soon as our girls finish college!

—*Arthur Frederic Otis*

Too busy for their own good?

Continued from preceding page

headache to parents who must pay their sons' floral bills.

If the teen-agers' most common complaint is that everybody else has more freedom than they do, the parents' complaint is that their sons and daughters never want to stay home.

As one father of a teen-age son irritably explained, "The house up the street, down the street, or over on the next block is about 100 percent more interesting than his own. I don't know who these people are, or what kind of lives they lead, but it must be terrific."

In many instances, of course, it is the adolescent's desire for activity of any kind that prompts him to always want to be going someplace—anyplace. Sometimes, however, "the house down the street" *is* more interesting. Why? "Because," says the boys' adviser in a large metropolitan high school, "the *parents* are in it. Home doesn't need to be a three-ring circus, but the mother and father who seldom stay home shouldn't wonder why their children find other fields greener than their own."

Asked to analyze the quality of the social life they offered their children in their own home, a group of parents serving on a P.T.A. panel honestly admitted that it was inferior to what they had known when they were young. One mother mourned the passing of the dining-room table, remembering a little wistfully how the whole family had sat around it in the evening, "playing games or picking out black walnuts and

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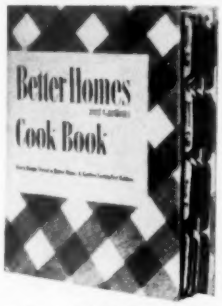

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hickory nuts that Mother always put in the Christmas candy."

Although television, the radio, and the automobile have changed the complexion of American family life, the child's need for security remains unchanged—and the basis of this security is still home-rooted.

Assuming, however, that your child's home life *is* attractive and that his friends are welcome to share it, here are a few simple checks if you are pondering the problem of how much social activity your boy or girl should have:

1. Activities should be in proportion not only to your child's age but to his physical strength and mental development.

2. There should be no social activity which forces a boy or girl to face problems that they are not emotionally capable of handling. (One of the most trying times for parents is when the child grows rapidly and assumes the appearances of adulthood although he is still a child in years.)

3. While a child is still young, social activity of any kind should be placed in proper perspective in relation to the quiet pleasures of reading, listening to music, the pursuit of hobbies—gardening, stamp collecting, sewing, woodworking, and so on.

(In my own experience, the two most unfortunate adults I have ever known were those who were only happy when they were engaged in some planned social activity—either "going someplace" or entertaining other people. Neither had ever paused long enough to learn the at-home pleasures of life.)

Once you have satisfied yourself on the three scores above, the following suggestions are further guarantees of a good family life, in a general sense:

Know where your children are, who their friends are, and what they are doing. (Shocked parents in a large Midwestern city recently discovered that their 13-year-old daughters, whom they thought were spending time at the other's house, were "thrill-stealing" after school in dime and department stores.)

Imbue your children with a feeling of responsibility and importance. The child who feels needed, who has certain duties to perform, is far happier than the child whose services are not wanted and whose presence is seldom missed.

Legitimize as many activities as possible. Boy Scouts, Girl Scouts, Camp Fire, or 4-H Clubwork—any activity or sport that helps provide healthy, outdoor exercise are particularly valuable. (During adolescence, the desire to be "important" and "significant" is so strong that if it does not have release through socially recognized activities, it may evidence itself in antisocial behavior.)

Avoid heavy-handed authority. Remember that your influence as a parent comes from your ability to win and keep your child's friendship and confidence. The boy or girl who is secure in the affection of his parents, who knows that they *want* him to have a good time and go to considerable trouble and expense to give it to him, can more easily understand an occasional "no."

Social activities develop self-reliance in your youngster. But he needs your guidance as to which activities, and how many, are good for him.

The loosening of the ties between the two generations is—and should be—a natural process.

Rather than a sharp line of cleavage, the gradual and painless transition from "responsible parent" to "friendly comrade" should be the aim of mothers and fathers everywhere.

Sulking

Sulking is the meanest means
That's used in tense domestic scenes—
Far worse than open battle, friends,
For gaining whatsoever ends.

Sulking has, since ages olden,
Made use of silence (far from golden)
Or tone of being wronged and hurt
And oh-you-treat-me-just-like-dirt.

Sulkers find a darkened corner
And there they sit, and look forlorner
And still forlorner, till they're wearing
A countenance that's past all bearing.

Sulking, when it's persevered at,
Quite often wins the thing it's steered at,
But sulkers have so little mirth it
Is very doubtful if it's worth it.

—*Richard Armour*

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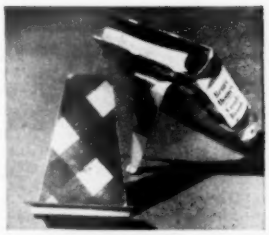

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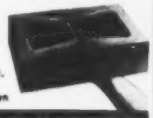

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Garden clinic

Tree wounds

Q Last spring I cut several limbs off my shade trees to let more light into my garden. Now my friends tell me it's bad to leave stubs. Is this true? Why? P. D., Ohio

Leaving stubs is a sure way to ruin a tree. Early next spring you should cut the stubs off flush with the trunk. New bark forms easily across a flush cut, but with difficulty or not at all across a projecting stub.

The picture above shows poor cuts. These stubs may rot, forming pockets for moisture to collect. Decay will eat deep into tree, weaken and shorten life. Weakened trunk and limbs cannot stand stress and strain of ice and wind.

Now look at the second picture. Two large limbs were cut off flush with trunk, and new bark has completely covered the wounds, preventing entry of insects and disease. Of course, a tree-wound paint should be used on large wounds to keep out decay until bark grows across the wound. The paint will also prevent drying.

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September Garden Guide

CENTRAL-EAST

Start new lawns, and reseed old ones showing bare spots. Few weed seeds germinate in fall to compete with young grass seedlings, giving them a clear field. Use two pounds of mixed grass seed containing 35 percent or more of Kentucky bluegrass along with several other grasses. If your lawn is shady and dry, the mixture should include a high proportion of creeping red fescue; if it is shady and damp, use a good amount of rough-stalked bluegrass instead. Avoid mixtures containing annual bluegrass.

Feed established lawns to promote a vigorous turf that will winter over and get off to an early start next spring. Spread on a complete garden plant food or a special turf builder. Follow to the letter directions on container.

Transplant most perennials this month. These include almost all of the spring- and summer-flowering kinds—phlox, daylilies, poppies, and bleedinghearts. Exceptions are shallow-rooted plants such as coralbells. Leave these until spring, to side-step chance of their being heaved out by alternating freezes and thaws.

Transplant forsythia. Wait until after a sharp freeze to transplant crabapples, barberries, lilacs, and privets.

Postpone until spring planting of magnolias, redbuds, flowering cherries, and flowering dogwoods.

SOUTH-SOUTHEAST

Order Dutch irises, and plant as soon as bulbs arrive. Plant peonies late in the month in Middle South. Wait till later in Lower South. Choose varieties rated as early-flowering and the single-flowered kinds.

Plant narcissus, grape-hyacinth, amaryllis, Roman hyacinth, camassia, and crocus bulbs as early as possible. Tulips should wait. Keep tulip bulbs in refrigerator for six weeks at 40 degrees before planting. Plant glad bulbs along Gulf Coast and in Florida.

Start lawns late this month in the South. Renovate old lawns now. Mow established lawns of Bermuda, zoysia, St. Augustine, and centipede grasses, and seed over the mowed areas with ryegrass immediately. Spread plant food and water in immediately. To get a green winter lawn, be sure to use ryegrass.

Plant hardy flowering annuals such as alyssum, calendulas, candytuft, gaillardias, larkspurs, petunias, poppies, scabiosas, and sweetpeas along the Gulf Coast in Florida, along the Atlantic Coast to Charleston, and in Middle and Upper South.

Apply a handful of complete plant food around each rosebush, dahlia, and chrysanthemum plant. Keep all plants well watered to encourage large fall blooms. Start withholding water from callas. Divide, transplant as soon as dormant.

TEXAS-SOUTHWEST

Water regularly your azaleas, camellias, and cape jasmine through September. The plants are forming their flower buds now for the blooms you want next season.

Plant daylilies throughout high plains area. Give established daylilies a handful of complete plant food each. Apply food in a band around plant, six inches out from the base.

Sow seeds of hardy annuals—bachelor buttons, calendulas, and poppies.

Plant ranunculus bulbs and columbine plants in part shade. Plant achilleas, veronicas, salvias, and the common bulbous and bearded iris in sunny borders.

Plant spiderlilies, *Hymenocallis*, in coastal areas before midmonth. Their rapid growth calls for a lot of water.

Sow ryegrass seed over Bermuda turf for good winter lawn. Use 1 pound of seed for each 100 square feet.

To have charming gift plants for the Christmas season, plant cuttings now of myrtles, poinsettias, altheas, and, in the more southern areas, oleanders.

CALIFORNIA

Soak anemone and ranunculus tubers overnight. Then start in shallow boxes of peat or vermiculite. Plant out in the garden after they have sprouted. Ranunculus bulbs are right side up when planted with the prongs down; anemones are right side up with the pointed side down.

Cut back annuals and perennials as soon as they become shabby. Set out new cineraria, baby primrose, calendula, and stock plants for winter bloom.

Divide your polyantha primroses now for bloom from February on.

Withhold water from tuberous begonias as soon as they begin to look shabby. When tops yellow, store potted plants on sides. Lift others from beds and keep in boxes of dry sand.

Prune pelargoniums lightly now to reduce legginess.

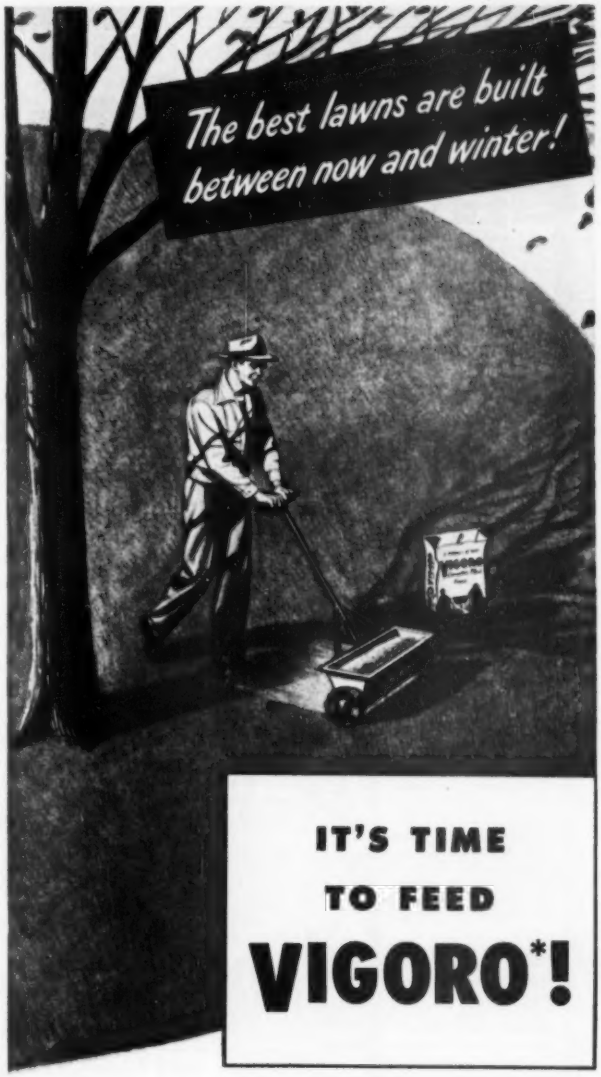
PACIFIC NORTHWEST

Plant Dutch and English iris for spring cut flowers. Set out young plants of primulas and Canterburybells where you want them to flower in spring.

Stake tall dahlias, Michaelmas daisies, and chrysanthemums against breakage by early autumn storms.

If strawberry weevils are eating the roots of your primroses, apply DDT dust at their bases. There is still time to divide primroses.

Water fuchsias and geraniums lightly after September. If season is dry, keep your rhododendrons well watered. Sow seeds of endive, lettuce, radishes, turnips, and set out plants of broccoli.



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Experts say it—results prove it—"Fall is the ideal time for making new lawns and improving established ones!" To assure success with your lawn, apply *new process* Vigoro—complete, balanced plant food—at the rate of just 3 pounds per 100 square feet of lawn area.

Vigoro supplies all of the vital nutrient elements growing things must get from the soil for best growth and development. It nourishes tops, stems *and* roots. And Vigoro-fed roots penetrate deep—help improve soil structure—anchor the plant against the heaving action of frost.

So feed Vigoro now! And remember, if you need help in making a new lawn, your Vigoro dealer has an instructive folder for you.

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Glowing shades of Gold and Yellow; for borders, rockeries, naturalizing. Will multiply and bloom profusely year after year!

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Holland's supreme achievement, spectacular blooms of tremendous size, often 9" across when open! Tall, sturdy, brilliant Scarlet, your garden's crown jewels!
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A profusion of lovely shades—fragrant and effective in borders or beds!
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Huge, long-stemmed beauties, will bloom year after year, adding sunny color to your garden!
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AROUND THE YARD

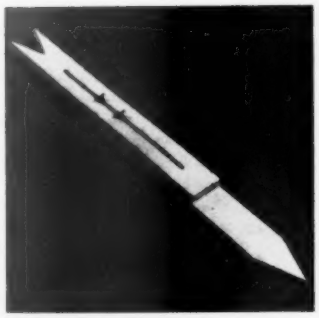
Save yourself work, dollars, and time—increase beauty in your garden—with these practical ideas

Plant mover. Ease the job of transplanting shrubs to new locations. Where soil is dry, water ground the day before lifting so soil will stick together around the roots. The more roots and soil you lift with each plant, the better. Place dug plant on the broad blade of a snow or large scoop shovel, and pull plant on shovel to new location. This is much easier than lifting the plant.

Mrs. James Jarrett
Fall City, Washington

Smooth circles. When you have a shrub or tree to plant in your lawn, use the method shown here for a neat, sharp circle. Drive a round stake in sod where you want the plant. Tie length of cord to stake and stretch out 6 inches beyond edge where soil ball will be. Tie pointed stick or large nail to end of cord. Mark circle in sod by swinging point around stake. Use shovel to cut through sod.

Carol Warner
Rochester, New York



Limb prop. Adjustable supports to keep fruit-laden limbs from breaking are easy to make. Use two lengths of 1x3-inch lumber for each support. Pieces may be three, five, or more feet. In one piece, bore two holes, 6 inches apart. In the other, cut a long slot. Run two 4-inch bolts through with wing nuts for height adjustment. It could pinch-hit for clothesline prop.

Gordon R. Bell
Ames, Iowa

Canvas catchall. Before you dig a hole in your lawn to plant a tree or shrub, spread a canvas tarpaulin or burlap sacks next to the spot. As you dig, throw the soil on this lawn protector. After you lower plant into hole, shovel just enough soil around it to hold in place. Then lift canvas and dump soil in to save yourself a lot of shoveling.

Kenneth Rader
Toledo, Ohio

We will pay $10 for each idea accepted. Unusable ideas cannot be returned. Send to: Garden Editor, Better Homes & Gardens, Des Moines 3, Iowa.

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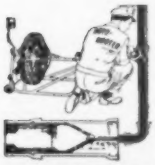

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Remember this, my lass: That she's
The lady whose rare qualities,
Whose strength and skill and heart and head
Produced and reared and trained and fed
A small barbaric male she nursed
Through measles, mumps, and midnight thirst
Into a little boy she loved
And spanked and prayed and pushed and shoved
Into a youth she coaxed and harried
Into that dream of men you married.

—*Georgie Starbuck Galbraith*

You plant these bulbs early

Begins on page 62

Eight special planting tips for spring-flowering bulbs

• Plant bulbs where no water will stand.

• Fork or spade soil to full depth of blade or fork tines.

• Mix one to two quarts of peatmoss, leafmold, or other humus into each 18-inch planting spot.

• Allow no strong plant food of any kind to touch bulbs. Spread plant food in bottom of prepared hole or trench and cover with 2 inches of soil before setting bulbs. Or apply in ring at surface and water in after bulbs are planted.

• Set bulbs upright. All bulbs discussed here should be set with tips up. If bulb has hole from which last season's stem has been pulled, as with many lilies and the Crown Imperials, *Fritillaria imperialis*, press scales firmly into place and fill hole with good topsoil before covering.

• Watering. If soil is dry at planting time, water spot the day before setting your bulbs. Don't risk possible spread of rot by flooding bulbs before they have started into growth. If soil is powder-dry, press soil over planted bulbs with palms of hands, then apply water in ring outside planted area. This permits the soil to take up moisture slowly, does not endanger bulbs.

• Stake or otherwise protect planted bulbs from being tramped upon.

• Apply loose mulch 2 to 3 inches deep at oncoming of winter in areas north of Philadelphia.

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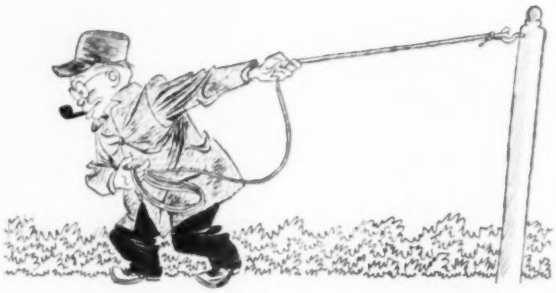
The diary of a

Plain dirt gardener

By Harry R. O'Brien



This is washday, and I was the one summoned to get out in the chill and dew and put up the clotheslines. Thermometer down to 47 degrees this a.m.

Sept. 1 Mr. David arose at five o'clock this morning to go off on a trip, his vacation, with his friend Jack. They are going to Washington, D. C., and goodness knows where else.

It was too wet from recent rains to do any work in the garden. I did wander out with my camera to take a picture of a new glad that is in bloom and would have taken others had somebody been on hand to turn the florets so the sun would shine full on them.

Sept. 2 I've had oodles of energy and ambition and mountains of work that really ought to be done. And it has been raining all day. Sometimes it was a gentle mist. Now and then, a lively downpour. And all outdoors was damp and dismal and dark.

"Do you think you could get out and find something to eat for supper?" asked Mrs. Maggie, as I was leisurely perusing the Sunday paper. "Mebbe," says I. So I put on my old shoes and work clothes and sallied forth.

"Carry the garbage to the compost pile while you are going," called Maggie. I did that, too. You see, we put all our refuse on that pile and let it dissolve into useful compost.

Well, I pulled ears of corn for supper and figgered that would do. I tromped along the paths and noted that the ryegrass for winter cover crop, sown in the spaces where crops had already been gathered, is beginning to come up. Noted with great satisfaction that the fall spinach crop is now plain to see. If nothing happens, we'll have fall spinach to eat and some to put in the zero box. We think frozen spinach is better than fresh-gathered. Around here, now is a good time to sow seed for a fall crop.

Noted, too, that the turnips and Chinese cabbage are growing. There is one planting of bush beans in flower, so shortly we'll be eatin' off 'em. The last planting is well up, and these all depend on whether we get early frost or not. If not, they will make real late eatin'.

Sept. 3 Drifting clouds grew thinner to let the sun shine through before noon. But it was chilly. Soil was too wet to work. All I managed to get done was walking the paths.

The new tithonia Torch is now four feet tall or more and out in full array with its gorgeous orange-reddish blooms. To me, this new compact version of the Golden Flower of the Incas is one of the most colorful new ones we've had in years. But alas, Maggie doesn't like it, and I can't understand why.

A sad sight is grass and weeds germinating in the flower beds because of the rains of recent days. The pesky chickweeds are showing up by the millions in the rose beds. It is getting toward the end of the time when cultivating of roses should be done. But if it ever dries out, I'll just have to wade in and swat those seedlings. If I don't, it will take weeks of work to subdue them next spring.

Right now, methinks, is the time to begin next year's weeding generally. The little seedlings showing up are the perennial, biennial, and winter annual weeds which will live over the winter. Next spring, when the ground is too wet, they will take over and flourish. Some of them—mustard, for example—will be in bloom before you know it.

Sept. 4 Winter is acomin'. Thermometer down in 50's this a.m. Chilly wind blew so we had to keep windows and doors closed. Dog came to front door and scratched to be let in. "Scratch" is the name of our pooch, and never was a more befitting name bestowed. He never barks to be let in or out. He scratches. By now he has about ruined both screen doors. When he hasn't anything else to do, he picks a cozy spot and scratches himself.

It was such a dank day. The house was damp and clammy. I went to the basement and built a bit of fire in the furnace. This was to warm us up a bit but more to dry out basement and house.

Bless my soul, if it wasn't Maggie who saved the garden day. Just about the time I should have gone out to see whether or not the ground was too wet, I developed a bad case of itch—itch to clean up my study. So, I set to work at this.

Time elapsed. The supper bell rang. And as I said, bless my soul. Or mebbe, better bless Maggie. There was a wonderful dish of bush beans, new and tender—the first picking of that fall crop. I hadn't known they were ready yet.

That's only part of the story. That good woman had garnered the broccoli that was ready, and not needing it for the meal, she had done whatever she does to it. There it is down in the zero box in the basement. Three packages, all embalmed for winter use. By the way, frozen broccoli tastes mighty good—better than fresh, I'm ready to affirm.

Someday, I'll write a poem—or song, maybe—in praise of the zero box, that wonderful fairy that freezes food. How easy it is to put away the surplus home-produced food. How easy it is to bring up. How easy on the home pocketbook in January when all we have to do is to dig down in the box and find something good to eat.

Sept. 5 Thermometer down to 47 degrees this morning as I shivered around. This is washday, and I was the one summoned to get out in the chill and dew and put up the clotheslines.

High above my head in the Baldwin apple tree on the rear lawn, I spied a nest of tentworms develop-

At Maggie's request, I sallied forth in work clothes, in a lively downpour, to pick ears of corn for supper

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ing. My method is to burn them out. This is hard on the tree, but then, it needs some pruning anyhow, as luck would have it.

Indoors, I sat down to my study desk to do some homework. My eyes wandered outside the window and saw a little visitor. A tiny bird it was. It flew around, then perched on the telephone wire coming to the house.

I'd never seen a bird just like it before. I watched. Dug out my bird books and looked through the pictures. Couldn't find it, so I still don't know what it was, but it's

Our pooch, Scratch, never barks to be let in or out. He scratches and has about ruined both screen doors

probably some kind of warbler. Probably on its way down south and using our trees and bushes for a motor court.

Out to work and decided to dig out by roots a seedling elm tree which has grown up beside the viburnum hedge.

Over by the new strawberry bed, I saw that a few of the plants were dead or seemed to be dying. So with a trowel, I dug a few new plants that had grown from runners elsewhere in the bed. These I set in the vacant spots. Fall isn't as good as spring around here to set out a new bed of strawberries. But there's no law in our state against filling up vacant spots.

Took a look at the grapevines. The white ones are getting ripe enough to eat. I experimented with a sample big enough to give me the tummy-ache had my judgment been wrong. Down on knees to dig weeds out of strawberry bed with

An odd bird perched on the telephone wire. I thumbed through my bird books but couldn't identify him

trowel. Making progress when along came Maggie. She had finished that washing. Couldn't we go out for supper? The boys were both gone, anyhow.

We could—and did.

[*Turn to next page*

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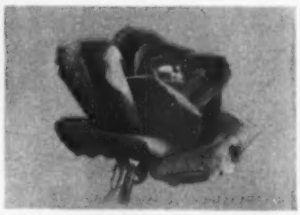

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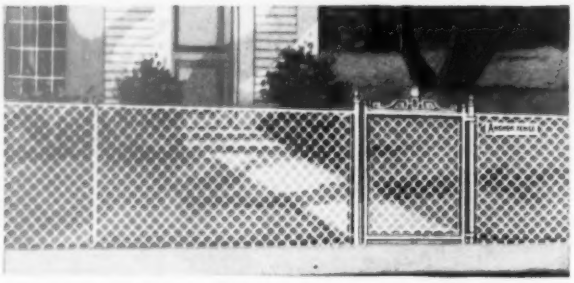

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The diary of a plain dirt gardener

Continued from preceding page

Sept. 6 Same as last year, the wimminfolks were guests at the September meeting of our men's rose club—garden visiting it was.

We first gathered at Doctor Zollinger's. Such perfect bushes, such wonderful foliage, no sign of black spot. Nary a weed. It put most of the rest of us to shame. One bed had been mulched with aluminum foil in early July. It had not been doing so well before. But with the foil mulch, the plants had picked up and by now were the most vigorous of all. It looks like a good idea.

Over at Louie Montei's place, more good roses. The thing which attracted most attention was a bed planted solid with the dark red Donald Pryor. Louie had a mighty fine lawn, too, of thick, vigorous turf. Walter Burwell has used groups of white Dagmar Spaeth at intervals in his landscape. Then, in a little round rose garden inside a hedge, he has a new system of watering. Pipes on the surface, with special nozzles, spray the water out just over the surface, without getting on the foliage. David was back home tonight after his week-long vacation trip. We were that glad to see him.

Sept. 7 "What are the black bugs on these calendulas?" called Maggie from the kitchen, as she was arranging some Pacific Beauty blooms in a vase. "Are they big, long ones?" I called from my easy chair. "No, they are tiny, little ones," said she. So I didn't go to look. As long as they aren't blister beetles I won't worry. If they were, I'd rush up the DDT in a hurry.

David is at the lawn mowing with the power mower. I took up weeding the old iris bed. Gathered up weeds and took to compost pile. Ate one apple, about ripe, from one of our dwarf apple trees.

One of the sorry circumstances of my gardening is that when it is best for weeding and I have time for work, the weather is agin it. But when days are warm and soil is moist, I'm all tied up in knots with my business affairs or have to be away on some business trip. The man who has the best chance for a really good garden is the man who has a job with regular and fixed hours where he works at one place. He gets home the same time each day. He is likely to have one full day off, too. So he gets the garden work done. As to successful women gardeners, I have my ideas about them, too, but I'd never dare whisper them. I'd be right in the middle of trouble in no time!

Sept. 8 "Bring in a basket of corn. I want to get some more in the freezer," called Maggie, right after breakfast. So I navigated out in the dew and brought in said basket full of ears. Later news is that five quarts went to the zero box. Maggie likes to do this in installments.

Picking beans for supper, I found that the bean beetles are back. So got the rotenone and dusted. What was left over, I put on the late cabbage. Then, did a lot of cultivating of vegetables in fall garden. Hoed new iris. Ate grapes. Thus passed a goodly, useful, and uneventful evening.

Sept. 9 There are the onions, in flats in the garage, for curing. As I looked, I found that a few are beginning to rot. These I sorted out and threw away. This happens every fall. There is something wrong with my onion technique. Both onions and potatoes nearby are awaiting some afternoon when I'm not too lazy. When that day comes, I'll carry them to the storage room in the basement. Started in to give the rose beds a last hoeing, to lick out as many weeds now as I can.

Sept. 12 I'm leaving tomorrow on a business trip. Donald is going along to help me.

Sept. 16 This chilly Sunday afternoon, Donald and I came to Fargo, North Dakota, on our travels, and after we were settled down in a hotel, we called back home on the phone. "Everything is all right," reported Maggie, "I'm making tomato juice." As long as that is happening, the world is good, at home.

Sept. 22 From our comfortable room in another hotel in Yankton, South Dakota, Donald and I called back home tonight. "I'm still in the midst of making tomato juice," came the good word from Maggie over the wires, nearly 1,000 miles away. "I've put up 40 quarts so far." It cost me $2.56 for that phone call. But it was worth it.

Sept. 24 I was invited to talk to a meeting of a local garden club. I stood up in front of several hundred women and three men. Showed lantern slides of the newer annuals, perennials, and roses.

Sept. 28 Now, it befell that as we traveled eastward along U. S. Highway 34, night came and traffic was heavy. Just west of Fairfield, which is in Iowa, we came by a motel. It looked so inviting, we turned, went back, and secured a room. It was new, with shrubbery planted around, with lawn grass that looked like a golf green.

Sept. 30 Home, and the first thing that met my eye as I stepped inside the living room was a big vase filled with dahlias. I knew—they were Ike. This is a miniature wine-red of formal type and long stems. It is a marvel for use as a cut flower. It's also a thrifty grower. There was a big bowl of Pink Flamingo dahlias on the dining-room table. This is Maggie's favorite variety.

There's a lot of news. David repaired the sprayer and has been spraying the roses. He has dug weeds out of the new strawberry bed and cultivated the part of the old bed we left. You should see the sunflowers. I'll bet there is $19 worth of seeds at retail price, and already the birds are dining on them.

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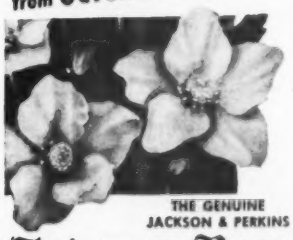

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Grow better roses

Q *What can I do when leaves of my roses turn yellow and drop?*
P. R. G., Oklahoma

Photograph Fletcher

Black-spot disease causes leaves to turn yellow and fall after spots appear. The rose plant above has lost most of its leaves from this disease. It's best to grow less susceptible varieties, like Nocturne and Crimson Glory. You can control black spot, however, by coating foliage every 7 to 10 days until fall with a fungicidal spray containing sulfur, copper, or ferbam. Apply before rains. Pick off all black-spotted leaves promptly.

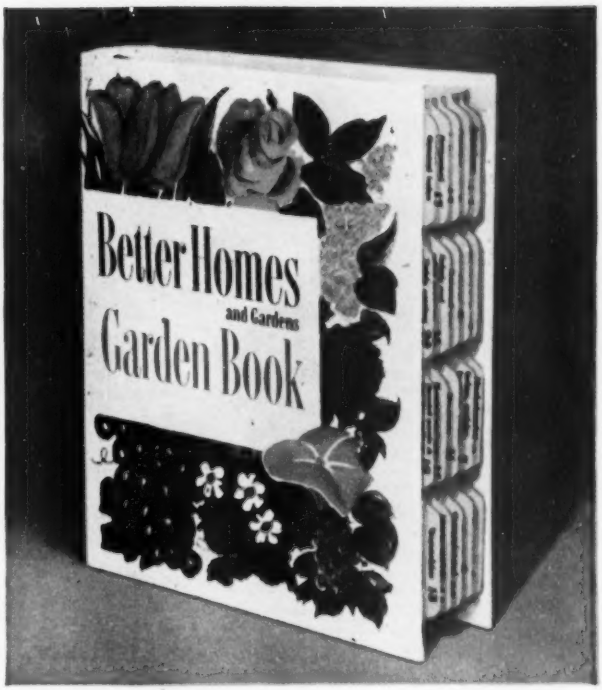
No dog

No muddy dog tracks on the floor;
Our food contains no hair;
No marks on windows any more
Where cold nose rested there;
No nest made on forbidden bed;
No dog to walk in rain;
No urgent pleading to be fed;
No sweeping hairs in vain.

When doorbell rings, no fearsome growls;
No nips at callers' legs;
Fire siren starts no lonely howls;
At mealtimes, no one begs;
No barks at rabbits in the wood;
We're free to go away
A day or week if in the mood—
No kennel bill to pay.

No sleeping dog by fireplace curled;
When we come in, no fuss;
No eyes to say in all the world
He loves no one but us;
No wagging tail; no head on knee;
No guard when darkness thickens;
No eager plea for romp or spree;
We miss him like the dickens!

—*Arthur Frederic Otis*



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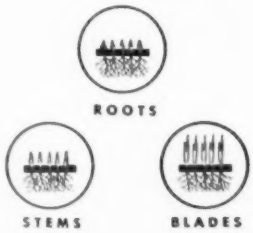

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Four good ideas

You can make your home more individual, attractive, livable through simple plantings and outdoor construction. Here are four possibilities you can adapt:

Photograph: Ward

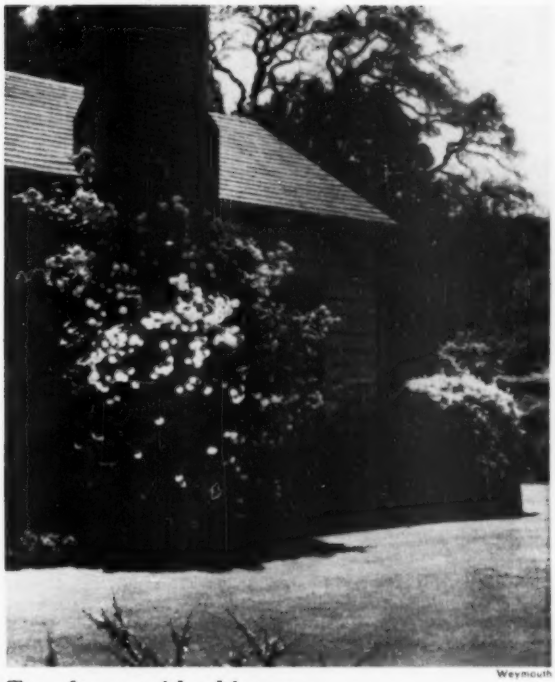
Use the shade of your house

By simply using your ready-made shade and laying down a simple terrace of bricks, flagstone, building blocks, or native stones set in 3 or 4 inches of sand, you have a wonderful place to eat and entertain outdoors. Keep stones flush with the ground level. Sweep loose sand into the crevices. Food for summer meals can be prepared on the spot, or brought from kitchen

Stanley

To edge a drive

Ledge stone laid flat, fitted with mortar, makes a sturdy border between lawn and drive. The wall can be kept level by adding layers of stone as the grade drops. Edge stone with pansies or bedding violas. Seed of these perennials can be planted as late as August. If you set young plants in place in fall, they must have a light cover of open mulch. The mound shown in right foreground is moss phlox, which comes in ruby red, sky blue, white, rose, and lilac colors

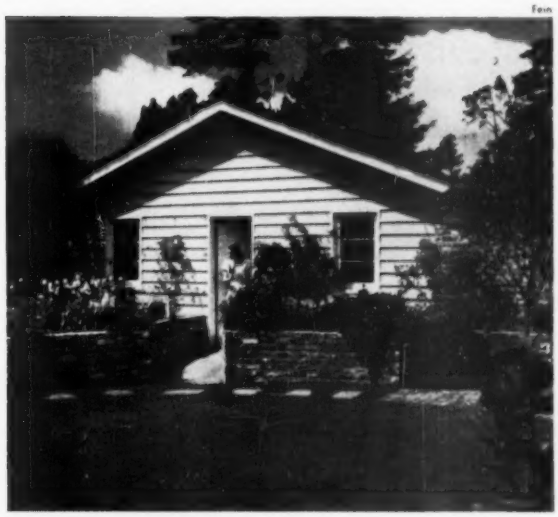


Weymouth

To soften a wide chimney

Japanese Snowball, *Viburnum tomentosum* — with clusters of white flowers on branches that spread horizontally — grows 9 feet tall, takes the stark look from masonry or bare wood. Plant in spring or fall, but set shrub at least 30 inches from foundation. If soil is poor, add compost, leafmold, peatmoss

Fein



Brighten a back entrance

Used bricks, laid dry or with mortar, form walls for raised outdoor plantings that children and pets won't damage. Small walls not attached to a building can rest directly on a trench in the ground. Leave a "weep hole" the size of half a brick in each wall near base. To prevent decay, paint house siding below top of wall with asphalt. Fill enclosure with good garden soil. For long-season bloom, you can follow early bulbs with bright-colored annuals

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Plants you'll talk about

By Norman Creider

Living baseball. Round as a baseball, and complete even to the "seams," is the Baseball plant, *Euphorbia obesa*. Plant shown is a female—males usually are taller and less round. Inconspicuous flowers appear on the top of the plant for a month each year. All Euphorbias have a milky juice.

Mix sand and dry garden soil in equal proportions to pot up a new plant. Look for the old soil line near the base of your plant and repot it at the same depth. Don't water for a day or so after potting. As with other succulent plants, good drainage and careful watering are important for success.

Vining onion. Here's a plant that offers a really different vine for your home. Not a true onion, African Onion, *Bowiea volubilis*, has a large, pale green bulb which grows 3 to 6 inches in diameter, and bright green, leafless stems. Many green branches perform the function of leaves.

Set the bulb in a mixture of equal amounts of sand and rich soil so most of it is out where it can be seen. The mother bulb will produce smaller bulbs at the side, which you can root for new plants. When stems begin to wither, give less water, let plant rest. Water again when growth starts.

Here are window plants that are different. Grow them and you'll find they'll demand little attention while attracting plenty

Stone windows. Sure to provoke interest is windowed succulent plant, *Lithops olivacea.* In hot, dry areas of South Africa where plants grow wild, only green faces or "windows" of the pebblelike clusters show above soil to absorb needed sun.

A yellow flower emerges from the crack on each cluster, followed by a new cluster. Old clusters shrivel as younger ones take their place.

Leave clusters exposed when you pot plant in a dry sand-soil mixture, and they'll adjust to their own level. Be sure soil mixture drains well. Overwatering will make plants rot.

Photographs: Stanley

Old man. Shaggy, white hair of Old Man cactus, *Cephalocerus senilis*, makes this plant unusual. A slow grower that can grow up to 40 feet under its native conditions, it is not likely to get more than 2 feet high in pots. It's one cactus that won't prick you.

Use a 50-50 sand-soil mixture for potting, and be sure to put stones or broken pieces of clay pots over bottom of your container for drainage. Use dry soil, and set plant only as deep as it was, as shown by the soil line. A thin layer of gravel around plant will keep soil from washing out of place.

More on next page

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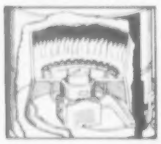

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Plants you'll talk about

Begins on page 290

Insect trapper. You'll stimulate plenty of talk if you grow the Venus Fly Trap, *Dionaea muscipula*, in your home. No other known plant traps insects of its own volition.

Two sets of sensitive hairs edge the insides of the traps, three on each side. If an insect brushes past, the trap closes rapidly. The trap then becomes a stomach, releasing a digestive fluid. The plant gets its nourishment in the form of nitrogen from the insects it catches. Digestive process takes about eight days, after which trap opens again. But trap will open in about 30 hours if sprung by an indigestible object. Too much playing with plant will wear it out.

Pot this plant in peat or sphagnum moss, with a layer of gravel or stones in the bottom for drainage. Grow in the sun, and keep the roots moist at all times.

Cobra orchid. With its need for high humidity, the Cobra Orchid, *Darlingtonia*, isn't as well adapted for the home as most other plants. But its openings beneath the heads (where insects enter, get caught in the hollow plant, and die and nourish the plant) make it worth the care involved.

Grow the plant in a container without a drainage hole. If you use a clay pot, plug hole with a cork or modeling clay. Pot in a mixture of peatmoss and leafmold in equal quantities, adding a small handful of charcoal. Water daily to keep soil moist, and syringe plant top with water once a day.

you'll discover opportunities for better living when Better Homes & Gardens is on hand with fresh ideas and inspiration. And you'll make the most of those opportunities with the dependable "how-to" advice of Better Homes & Gardens.

Garden clinic

Lawn and mower maintenance

Q *There's grass growing up to the sides and back of our home. How can we eliminate the hand trimming this involves?*
K. T. N., Illinois

You can eliminate hand trimming with a mowing strip made by placing bricks end to end next to the foundation of your house. Or you can lay bricks side to side. This method will take more bricks but will give you a wider strip. Stretch a cord the length of the wall and the width of a brick to use as a guide for cutting sod. Peel back sod and set bricks as level as possible. Set bricks deep enough so mower reel doesn't strike edge of bricks.

Photographs: Stanley

For better service, longer performance

Keep an old whisk broom handy where you store your mower. Immediately after you finish each mowing, use the broom to brush off the grass clippings. This is especially important with a power mower, because of its complex mechanism. Be sure to keep mower in a dry place

Get in the habit of oiling your lawn mower and other equipment regularly. Once a week, or before each mowing, oil all parts as directed by the manufacturer. Count up all the lubrication holes and be sure you've oiled each. You'll keep your mower in good condition longer if you avoid striking stones, curbs, or paved edges with the mower blades

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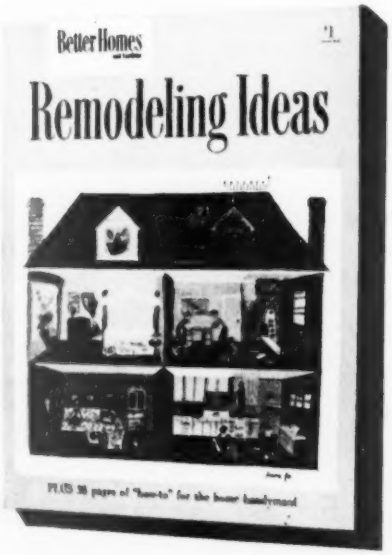

What's wrong with this family?

See problem, page 8

What's right

Nothing indicates Mollie is the "wild type." If Mollie, at 16, were too *disinterested* in boys, her parents would have more reason to worry. The boys' concern over whether Mollie's parents would object shows they are not wild and irresponsible either.

Give the Sears credit for taking a healthy interest in their daughter's activities. Mollie may not know it, but she would be more unhappy if her parents didn't try to help her make decisions about how, when, and with whom to make friends. It's normal for young adolescents to resist authority, but they also seek and need some control.

What's wrong

The Sears seem a little too worried, which is different from being concerned. The worry implies fear of the worst, not only some lack of confidence in Mollie, but exaggerated fear of the dangers from which Mollie must be protected.

Mr. and Mrs. Sears let mixed feelings of fear and anger cloud their reason. They are unfair in not giving Mollie a chance to explain that she was with friends of her brother. Repetitions of this situation could create a deep gulf between Mollie and her parents. The Sears' concern over "what people will say" would seem to indicate that they are more concerned about their welfare than hers. Should Mollie have accepted the ride? In this case, it appeared a pretty natural thing for her to do. It would have been better if the Sears had anticipated this problem and had reached a definite understanding about when Mollie should accept rides. Mollie's tears might have been avoided if they had talked together about the importance of having her parents know the people with whom she is friendly and the necessary precautions against becoming friendly too quickly with relative strangers.

It's a healthy approach for parents to emphasize the positive values in meeting and knowing boys, as against a dominant emphasis on the dangers. Continual harping on the latter can only make an adolescent less easy and less assured in establishing friendly relationships.

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Home Fashion Time

"Take your home to heart" is the slogan of this year's "Home Fashion Time." This idea was originated by the Home Fashions League in 1949 to place emphasis on fashion in home furnishings in the same way as the traditional French and American showings of what's new in dress. The editors of *Better Homes & Gardens* think that during these troubled times, calling attention to the home takes on even more significance.

Thousands of retail stores in all parts of the country will participate in this year's "Home Fashion Time" from September 20 to 29. Watch for it in your community.

There's something new underfoot

Begins on page 17

the fibers to return to their original shape (resilience) and their rigidity. Carpet rayon fibers have been given a permanent crimp which makes them almost as resilient as wool. Footsteps and the use of the cleaner bends the fibers in different directions, but the crimp makes them spring back. Because carpet rayon fibers are thicker than dress rayon fibers, they make a strong pile.

Are synthetic-blend carpets moth and flame resistant?

A moth won't find any food in a rayon fiber—so 100-percent rayon carpets offer you complete protection. If your rug is a blend, there's less chance of appreciable damage than with a wool rug. Wool, rayon, and blended rugs all are *fire-retardant*, which means that while there is no real danger of your carpet flaming quickly, it can be damaged by fire.

How about cleaning?

They can be cleaned successfully by the established methods for wool carpets. The new rayon carpets clean beautifully by present commercial methods. Better news yet—you won't have to have them cleaned as often. Every fiber is made slick and smooth. They just naturally shed dust and dirt.

When you discover a stain on your rug or carpet—*act fast*. First rule for all stains: Blot up excess moisture. Then treat the stain. If your carpet is not tacked down, raise to let the back dry when you finish. If it's tacked, an electric fan will help dry it.

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instant or frozen coffee buffet dinners
bridge luncheons patio meals barbecues
juices—or cocktails

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SET OF TWO $1.95
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Wherever housewares or gifts are sold.

McKEE GLASS CO. JEANNETTE, PA.

Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies through which they are available.

A dining table in bridge-table space

Page 12. Grand Rapids Bookcase and Chair Company, Hasting, Mich.

Bedspreads that can take it

Page 128. Bedspread and draperies: "Plaid Needletuft," Cabin Crafts, Inc., 7 East 35th St., New York City. Photographed at Lord & Taylor's, New York.
Bunk bedspreads: "Provincial Pattern," Cannon Mills, 70 Worth St., New York City. Photographed at Macy's, New York.
Page 129. Dotted bedspread: "Snowdrop," Bates Fabrics, Inc., 80 Worth St., New York City.
Plaid bedspread and matching draperies: "Campus Plaid," Fieldcrest, 88 Worth St., New York City. Photographed at John Wanamaker's, New York.

Genius?

Every parent thinks that he
Has surely raised a prodigy.
No matter what his child does,
It's the greatest feat that
ever was!

If his daughter holds a tune,
He will tell you that quite
soon
She'll be on the concert stage,
"Coloratura" of the age!

And if his son wins at debate,
Such genius promptly seals
his fate.
His boy will now be White
House bent,
As nothing less than
President!

And if his child can write a
line,
Well, that of course, is
superfine.
With talents so unique and
vast,
He'll pen a novel
unsurpassed!

I'm not sarcastic. You know I
Am just like any other guy.
I'm a normal parent, and it's
true
I'd like my offspring to do
things too!

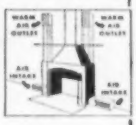
But my child's no genius. He
can't sing
His scattered talents will
not bring
Him any claim to fame.
But just the same,
I'm filled so full with honest
pride
That I confess it's hard to
hide.
For what do you think of my
young son?
Today he hit his first
home run!

—*Anita G. Savitch*

This FIREPLACE warms the whole room-even adjoining rooms!

CIRCULATES HEAT!

● Build your fireplace around the Heatilator* Fireplace unit and enjoy the cheer of an open fire *plus* cozy warmth in every corner of the room.



Heat usually wasted up the chimney is put to work. Your fireplace becomes 100% useful and reduces the cost of furnace operation in cool weather. Draws air from floor level, heats it, and circulates it to warm all the room and even adjoining rooms.

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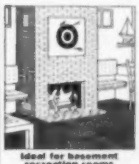

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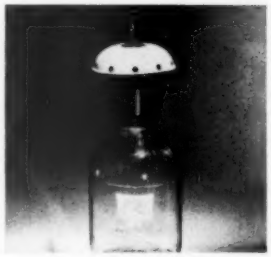
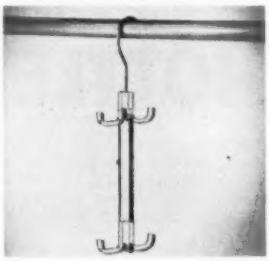
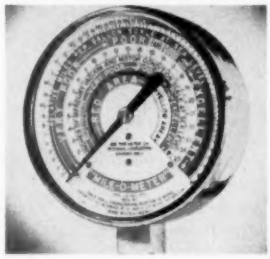


Get rid of flies by trapping them with this new device which throws out a potent fly sex odor that attracts male and female flies. (Odor is hardly discernible.) Stand or hang the jar away from where flies congregate, and they follow the aromatic beam to the trap. *Little Stinky Fly Trap*, $4.49 for ½-gallon size; $4.95 for gallon size; ppd. Gokey Co., 94 E. 4th St., St. Paul 1, Minn.



Simple little rack does a big job in taking care of handbags. Hang it on closet bar and load up the four hooks with your purses. There's room on each hook for several handbag handles. Transparent lucite *Purse Hanger*, $1.50, ppd. Matching lucite *Belt Hanger*, made with horizontal instead of vertical hooks, $1.50, ppd. Dralar of California, 1952 Colorado Blvd., Los Angeles 41, Calif.



Watch gasoline consumption as you drive with vacuum pressure gauge that's easily mounted on dashboard. Dial readings give you instant check on condition of carburetor, spark plugs, distributor, rings, gaskets, timing, valve springs. De luxe *Mile-O-Meter*, $14.95, ppd. Gale Hall Engineering, 236 Huntington Ave., Boston 15, Mass.

Hanging traverse draperies is quick and easy with adjustable pin. Insert hooks in drapery heading and hang on rod. If heading is too low or hem is too high, you can do the adjusting on the drapery hook. Simply squeeze the two ears on the hook to slide hook up or down; this raises or lowers the draperies. Set of 14 *Drappins*, $1.50, ppd. Malcolm's, 524B N. Charles St., Baltimore 1, Md.

Go-between pad keeps rust and dust from open springs off the mattress. Heavy, kraft-paper pad saves linens and blankets from catching and tearing on springs or from picking up rust. Cuts down on underbed drafts. Makes it easier to turn mattress and prevents mattress from slipping about bed. Full or twin-bed size *Sanitized Protectopad*, $2, each, ppd. B. C. Moses, 4313 Austin St., Houston 4, Tex.

No strings attached to this apron. Its figure-fitting is done with metal spring bands. One built-in all-around band snaps it snugly about your waist, and stays hold up the top. White lace-pattern plastic apron, trimmed in red, green, or blue, wipes clean. *Strapless Apron*, $2.49, ppd. Mrs. Dorothy Damar, 19 Treat Place, Newark 2, N. J.

Lazy lap board gives you a comfortable reading and writing surface even when you're sunk into the cushions of your easy chair. Board has one adjustable leg that supports it and that adjusts to heights from 19" to 27". Board tilts to any angle for card playing or magazine reading. Folds up for easy carrying. *Student Table*, $10, ppd. Hill Co., 61 East 45th St., New York 17, N.Y.

Couple wagon or any wheeled trailer safely to bicycle with special hitch that bolts to rear axle and fastens to rear fender. Permanently installed, the lug assembly becomes a rear bumper with Scotchlite reflector when not used with trailer. *Bike Hitch*, $1.98, ppd. Kar-Lin Co., 7101 Oliver Ave., S., Minneapolis 19, Minn.

Hinge for your garbage can keeps cover always on whether closed, rigidly held in open position, or pushed all the way back to lie flat against the side of the garbage can. Galvanized or nickel-plated finish, complete with nuts, bolts, backing-up plate. *Stay-Covered Garbage Can Hinge*, $2.25, ppd. Melaire Distributing Co., 420 Lexington Ave., New York 17, N.Y.

No lost lunches when school-agers carry them in paper bags with their names boldly printed on the front. Red letters are printed on 5½"x12½" kraft lunch bag. Give name. *Personal Lunch Bags*, 50 for $1; 100, $1.75, ppd. The Burgess House, 428 S. Sixth St., Minneapolis 15, Minn.

Strain vegetables without steaming your hands. Clamp-on strainer doesn't need to be held to the pan; you can pour out the boiling water at arm's length. Strainer fits over edge of pan; spring stretches to clamp it in place. Will go on saucepans of 1- to 3-quart capacity, skillets up to 9". *Strainer-Aide*, $1.29, ppd. Northmore's, Box 756-A, Highland Park, Ill.

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Through the Shops

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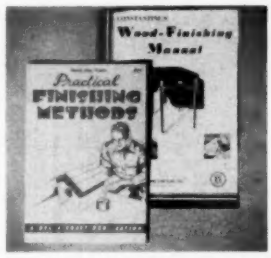
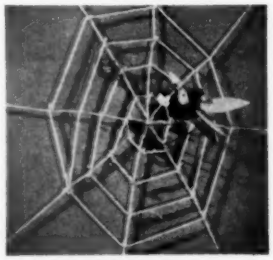
Manuals for wood finishing and refinishing done at home, supply that extra bit of know-how that makes the difference between amateur and professional work. *Practical Finishing Methods*, 64 pages, 50c ppd. Delta Power Tool Division, Rockwell Mfg. Co., 600 E. Vienna Ave., Milwaukee 1, Wis. *Wood Finishing Manual*, 25c, ppd. Albert Constantine and Son, Inc., 797 E. 135th St., New York 54, N. Y.



Use your own vacuum cleaner to dry hair by attaching this plastic cap to nozzle of cleaner and adjusting cleaner to blow air. Cap has a built-in filter to clean the air, and vent holes for the air to escape from the cap. Will dry hair in about half an hour with warm air. *Dri-O-Matic Cap*, $1 ppd. American Textile Products, Inc., 1233 Washington Ave., St. Louis 1, Mo.

Here's Driller Dick himself, a 6-inch-long hand-carved mosquito with a bloodthirsty expression. String spiderweb makes a good roost for the colorful little monster along with his reserve larder—a bucket labeled "Blood Bank." *Driller Dick, His Bucket of Blood, and Net Roost*, $2.75, ppd. The Old Curiosity Shop, 54 Saint George St., St. Augustine, Fla.



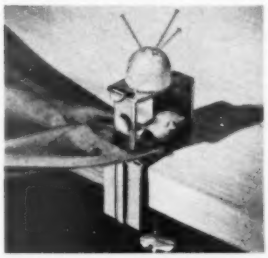
Low light through split bamboo shade has the charm of candles without the flicker; gives soft, indirect light for conversation or television. Lamp is 11½" high, 5½" diameter, with switch built into cord. *Bamboo Lamp*, $9.95; pair, $17.50. Oval *Wastebasket* in matching bamboo, $4.50. All ppd. Contemporary Crafts, 1372 Weston Court, Willow Run, Mich.

Window baubles for your favorite miniature leaf plants give a most unusual effect. Hang the crystal plastic chain to window sash and fill glass balls with water and slips of miniature ivy. Stays right on window when you raise and lower the sash. Chain is 16½" long with three brightly colored glass bubbles. *Bubble Chain*, $1.50, ppd. Elizabeth McCaffrey, 200 West 16th St., New York 11, N.Y.

Golden gleam at your dressing table comes from these chubby old-fashioned jars, washed in 14-karat gold. Thick-walled, with glossy interior finish, 4½" high. Use them, too, for Baby's dressing table, as jam jars, as little catchalls. Pair of *Golden Jars*, $2.50, ppd. Green Gable Gifts, P. O. Box 44, Gracie Station, New York 28, N. Y.

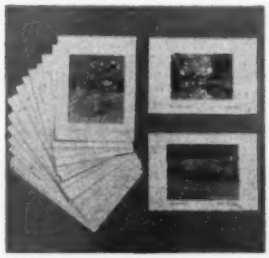
Heat sailcloth cozy slightly in the oven, stuff with small buns or rolls, and serve. Heavy fabric stays warm for some length of time, keeping rolls at proper eating temperature. Easily laundered by untying strings that pull it up into flower shape and laying out flat. Available in white, chocolate brown, forest green, gray, chartreuse. *Bun Cozy*, $1.50, ppd. Foster's Distinctive Gifts, 15 Cole Court, Princeville, Ill.

This yo-yo lights up every time it runs up and down the string. It's powered with a pen-size flashlight battery that makes it flash red on one side, green on the other. Flashes are all inside the transparent case, so it's perfectly safe. *Firefly Yo-Yo*, 85c, ppd. Downs & Co., 81 Salem Lane, Evanston, Ill.



Cloth clamp supplies sewer with a third hand to hold the material taut. Clamp screws to edge of table or sewing machine, metal presser foot tightens against fabric to hold it firmly while you're sewing or ripping. Saves you pinning the material to your knee or upholstery. *Cloth Holder*, $1, ppd. Sewing Products Co., Box 1434, Cincinnati 1, Ohio.

Need extra moisture in the breadbox, cookie jar, or tobacco can? Small, round block of absorbent composition holds twice its weight in water. Evaporation keeps air moist. Enamel metal cover can be adjusted to permit varying degrees of evaporation. *Minni-Kay*, 50c, ppd. Moist-Sure Products, Box 3870, Merchandise Mart Station, Chicago 54, Ill.



Have your own collection of prints by such famous artists as Van Gogh, Cezanne, Renoir, Utrillo. Each of the 16 miniature prints is mounted on a 6"x8¼" mat. All are authentic reproductions in full color, and any of them can be used in combination for framing and hanging as a group. Portfolio of 16 *Prints*, $1.49, ppd. Marboro Books, Dept. P-4, 117 East 24th St., New York 10, N. Y.

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with Better Homes & Gardens

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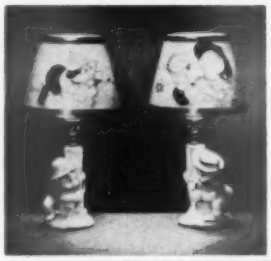
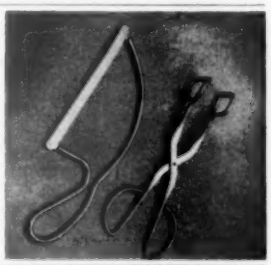
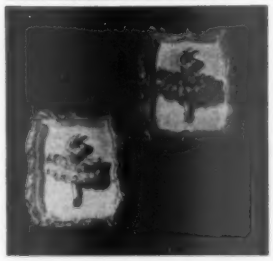


Little cutie lamps for children's room have a pugnacious little boy with slingshot on the base of one, and a shy little girl with flower on the other. Glazed ceramic figures are hand-painted in gay pastel colors. Lamps are 9½ inches high with washable 8-inch shades. *Cutie Lamp*, $3.95, each (specify boy or girl base); pair, $7.75, ppd. Schaffer Gift House, 246 Morris Ave., Springfield, N. J.



Two of the most useful gadgets you can have in your kitchen are a chromium hack saw and pair of tongs. *Kitchen Saw*—blade cuts soupbones, frozen food, is about 9½" long; 75c, ppd. *Sew-All Scissors Tongs* pull out baked potatoes, eggs, corn on the cob, asparagus, 65c, ppd. John Clark Brown, One Montgomery St., Belleville 9, N. J.



Lace-skirted ballerinas are delicate porcelain, modeled in three-dimensional wall plaques. Each figure, in different ballet poses, is pink, blue, or white on white background brushed with gold. Imported porcelain *Ballerina Plaque*, 3¼"x3¾", $2.95, pair, ppd. Helen Gallagher, 413 Fulton St., Peoria 2, Ill.

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Mysterious clock in a cage has a globe for a face, an arrow pointing to the time, and a baby bluebird gaily ticktocking as the clock runs. Brass cage, chromium clock base and supporting arm, alabaster foot. Over-all height, 8½". Twenty-four-hour movement. $15.50, ppd. Moroccan Art Center, 30 Rockefeller Plaza, New York 20, N. Y.

Hand-painted little fan of silk with bamboo spokes is a tiny replica of the traditional Japanese fan. Little girls will like them for their dolls. Collectors will want to add one to their shelves. When folded, fan is just 3½ inches long, *Miniature Oriental Fan*, 50c, ppd. Croff Crafts, P. O. Box 919, Houston, Tex.

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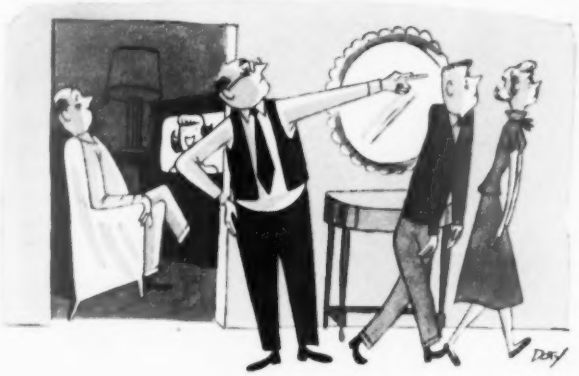
THE MAN NEXT DOOR



Some of my sporting friends had two complaints at lunch the other day. One, that with so many young men in service, college football wouldn't be worth watching this fall, and two, that good seats were going to be hard to get.

+ + +

I wonder how many people could give three good reasons for living where they do instead of somewhere else.

+ + +

What little boy would have believed in May that September would find him crying, "What? Corn on the cob again?"

+ + +

Contentment is the reward collected by those who feel that what they have is better than what they are missing.

+ + +

Years of weekend visiting have left me with this problem: Why is it always cold at night in someone else's house?

+ + +

A lawn is a place where hardy grasses that flourish in empty lots and grow between the cracks in sidewalks, wither and die from the tender care of a householder.

+ + +

I was always glad to see rain when I was a child, because it meant I could go barefoot to save my shoes. But my poor son—he not only has to keep his shoes on, he has to wear rubbers or boots *over* them.

+ + +

A local radio man has been asking people on the street what they consider the ideal-size family. Many have complained that they had too few children, but, so far, no one has complained of having too many.

Ralph Deuter tells me that since he bought a TV set, he has had to find new ways to discipline his teen-agers. "I used to forbid them to go *out* as a punishment," he said. "Now I have to threaten I won't let them stay *home*."

+ + +

A brat is a child who behaves toward adults the way some adults act toward children.

+ + +

The sound of a lawn mower in motion is a solid, domestic, peaceful, happy sound to everyone but the man responsible for it.

+ + +

We owe TV a vote of thanks for showing, Hollywood to the contrary, that homely people also have some talent.

+ + +

When our boy started school, we were anxious to know what he thought of the teacher. Now, knowing how he often behaves, we are anxious to know what the new teacher thinks of him.

+ + +

Youth is when you sit on the ground without first spreading a handkerchief.

+ + +

A reason the upkeep on our house remains high is that I hate to pay a man $5 to make some little repair that I can do myself with some scrap lumber, a few nails, and $10 worth of new tools.

+ + +

When my wife accused me of wearing too many colors, I pointed out that I bought my socks to match my ties, but since the socks fade in the wash and the dry-cleaned ties keep their color, the best I can suggest is to wash the ties or send the socks to be cleaned.

Little sister is the only member of the family who isn't glad to see school start again. Twice a day she stands at the window waiting to catch a glimpse of her big brother coming home—even though he'll barge in without a word for her unless it is to holler because she is playing with one of his possessions.

+ + +

If we resisted sin as stubbornly as we do honest self-appraisal, we would probably be as good as we think we are.

+ + +

I'm as reluctant to grow old as the next fellow, but it is a comfort to feel no longer uncomfortable when I hear the younger generation criticized.

+ + +

I've never seen a child who didn't love to play in water until soap was added.

+ + +

When our youngsters are too excited to go to sleep on time, we let them rip around the house until somebody gets bumped. When late-evening laughter turns to tears, it's a sign that sleep is but a few sniffles away.

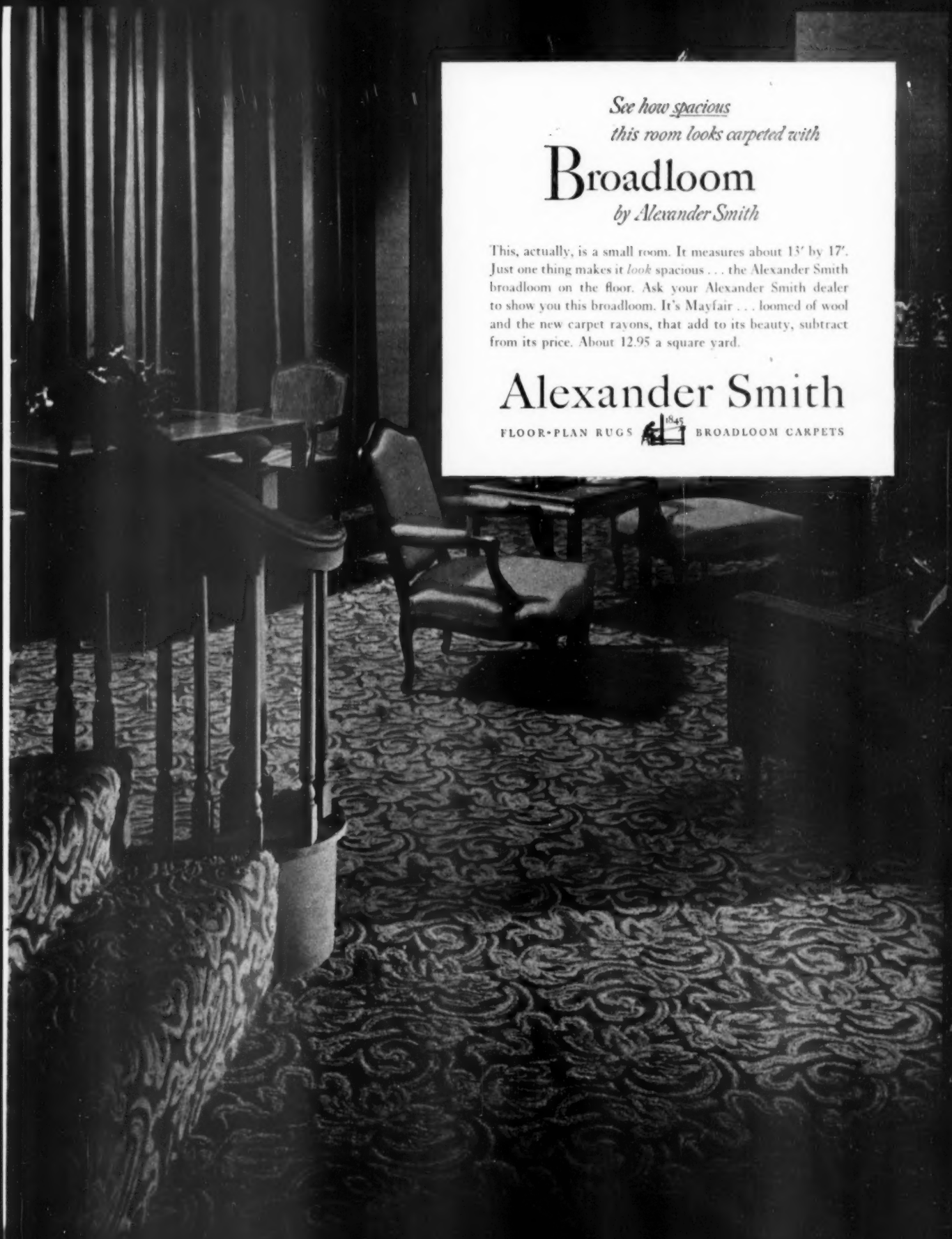
+ + +

One of the most delicate jobs is teaching your children how to avoid hurting the feelings of others without becoming liars.

+ + +

"After 10 years," a cynical friend of mine remarked, "what difference is there between those who married for love, and those who married for money?" I would say that those who married for love 10 years ago have probably acquired a little money, but not many of those who married for money have acquired any love.

Burton Hillis



See how spacious
this room looks carpeted with

Broadloom

by Alexander Smith

This, actually, is a small room. It measures about 13′ by 17′. Just one thing makes it *look* spacious . . . the Alexander Smith broadloom on the floor. Ask your Alexander Smith dealer to show you this broadloom. It's Mayfair . . . loomed of wool and the new carpet rayons, that add to its beauty, subtract from its price. About 12.95 a square yard.

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